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United States  
Department of  
Agriculture

Agricultural  
Marketing  
Service

Dairy Division

FMOS-258

August 1981

Washington, D.C.

# Federal Milk Order Market Statistics for June 1981

## Highlights

- Minimum Class I Price, \$14.75 Blend, \$13.46
- Producer Deliveries up 2.8 Percent
- Producer Milk Used in Class I-Up 3.2 Percent
- 42 Percent of Deliveries Used in Class I
- In-Area Fluid Sales (Adjusted) -Down 1.5 Percent



## Special This Issue

Adjusting In-area Fluid Milk Sales for Calendar Composition

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F E D E R A L M I L K O R D E R M A R K E T S T A T I S T I C S  
SUMMARY OF PRODUCER DELIVERIES, PRODUCER DELIVERIES USED IN CLASS I, AND PRICES

Year	Number of Markets	Average number of producers	Producer deliveries Total	Percent change 1/ :	Average daily deliveries per producer	Producer deliveries used in Class I Total	Percent change 1/ :	Class I utilization	Prices per hundredweight Class I : Blend
			Bil. lbs.		Pounds	Bil. lbs.		Percent	-Dollars-
1976	50	122,675	74.6	7.4	1,661	41.0	1.9	55	10.70 9.75
1977	47	122,755	77.9	4.8	1,740	41.1	.6	53	10.60 9.69
1978	47	119,326	78.1	.2	1,793	41.1	0	53	11.40 10.57
1979	47	116,447	79.4	1.7	1,870	41.0	-.3	52	12.88 11.97
1980	47	117,518	84.0	5.5	1,953	41.0	-.2	49	13.77 12.86

Year and month	Number of comp. mkt. 2/	Number of producers	Producer deliveries Total	Percent change 1/ :	Average daily deliveries Total	Per producer	Producer deliveries used in Class I Total	Percent change 1/ :	Class I utilization	Prices per hundredweight Class I : Blend
			Bil. lbs.		Mil. lbs.	Pounds	Bil. lbs.		Percent	-----Dollars-----
1981										
Jan.	47	118,707	7.2	6.2	233.8	1,969	3.6	0.1	50	14.63 13.38 13.70 12.49
Feb. 3/	47	118,229	6.7	6.6	240.5	2,034	3.2	- 1.5	48	14.72 13.45 13.72 12.50
Mar.	47	118,839	7.7	7.1	249.4	2,099	3.5	.6	46	14.76 13.48 13.65 12.52
Apr.	47	118,881	7.7	6.4	257.6	2,167	3.4	0	44	14.77 13.46 13.55 12.47
May	47	118,595	8.0	4.0	258.5	2,180	3.4	- 2.8	42	14.78 13.70 13.48 12.52
June	47	118,376	7.5	2.8	249.9	2,111	3.2	3.2	42	14.75 13.80 13.46 12.51
July										
Aug.										
Sept.										
Oct.										
Nov.										
Dec.										
Year to date	--	118,604	45.0	5.5	248.4	2,094	20.3	-.1	45	14.74 13.54 13.59 12.50
3/ 4/										

1/ Represents changes over the previous year. Percentages computed from unrounded numbers. Data for 1976 and 1980 adjusted to a 365-day basis before computing percent changes.

2/ Based on comparable markets--orders which were effective entire period, 1980-81, and which have had no significant marketing area changes.

3/ Percentage changes for February and year to date have been adjusted for the different number of days in February 1980 and February 1981.

4/ Average or total. May not add due to rounding.

# SUMMARY OF PACKAGED DISPOSITIONS OF FLUID MILK AND FLUID CREAM ITEMS 1/

Year and month	Number of markets	Whole milk items 2/	Dispo- sition	Percent	Lowfat and skim milk items 3/	Dispo- sition	Percent	Milk and cream mixtures	Dispo- sition	Percent	Cream items 4/	Dispo- sition	Percent	Total fluid milk and fluid cream items 5/
			Change 6/:Bf.	Change 6/:Bf.		Change 6/:Bf.	Change 6/:Bf.		Change 6/:Bf.	Change 6/:Bf.		Change 6/:Bf.	Change 6/:Bf.	Change 6/:Bf.
		Mil. lbs.			Mil. lbs.				Mil. lbs.			Mil. lbs.		
1977	47	26,984	- 2.8	3.34	13,978	7.7	1.47	404	1.5	11.0	0.3	21.4	42,320	0.7 2.98
1978	47	26,331	- 2.4	3.33	14,613	4.5	1.47	401	7/-	10.8	7/-	21.3	42,287	- .1 2.94
1979	47	25,638	- 2.6	3.32	15,274	4.5	1.48	405	1.0	10.8	1.9	20.9	42,249	- .1 2.91
1980	47	24,817	- 3.5	3.32	16,097	5.1	1.49	415	2.2	10.8	1.4	21.1	42,276	- .2 2.89
1981 8/	46	1,814	- 3.1	3.31	1,396	4.9	1.53	27	0.1	10.9	-	20.3	3,276	0.2 2.74
Jan.	46	1,601	- 5.6	3.30	1,262	3.6	1.53	25	-	10.9	1.5	20.7	2,930	- 1.7 2.75
Feb.	46	1,727	- 4.4	3.30	1,384	5.8	1.52	28	4.2	10.9	3.3	21.0	3,185	0 2.74
Mar.	46	1,665	- 3.7	3.29	1,329	4.9	1.52	28	3.0	10.9	7.2	21.3	3,070	.1 2.76
Apr.	46	1,666	- 5.6	3.30	1,318	1.9	1.52	28	1.5	10.9	2.7	21.2	3,061	- 2.3 2.77
May														
June														
July														
Aug.														
Sept.														
Oct.														
Nov.														
Dec.														
Year to date	---	8,474	- 4.5	3.30	6,689	4.2	1.52	137	1.6	10.9	2.9	20.9	15,522	- .8 2.75
9/														

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, solids added, and flavored lowfat and skim milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Represents changes over the previous year. Data for 1980 adjusted to a 365-day basis before computing percent changes.

7/ In 1978, there were changes in the reporting of the sales of these items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except for New York-New Jersey.

9/ Percentage changes for February and year to date have been adjusted for the different number of days in February 1980 and February 1981.

# SUMMARY OF MILK, SKIM MILK, AND CREAM UTILIZED IN MANUFACTURED PRODUCTS AND USES 1/

Year and month	Num-ber of mths.	Butter			Cheese			Frozen desserts			Cottage cheese			Nonfat dry milk			Total 2/		
		Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change	Total	Percent	Change
		3/	Bf.		3/	Bf.		3/	Bf.		3/	Bf.		3/	Bf.		3/	Bf.	
		Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.			Mil. lbs.		
1977	47	1,248	15.6	38.9	16,634	11.7	3.77	2,932	1.3	11.9	4,083	- 7.1	1.10	7,523	15.9	0.09	38,710	8.1	4.34
1978	47	1,198	- 6.0	38.0	18,035	8.9	3.78	2,839	- .6	12.2	3,983	- 9.7	1.02	6,553	- 12.9	.11	38,721	.8	4.38
1979	47	1,156	- 1.9	38.7	20,166	10.4	3.74	2,745	.2	12.6	3,899	10.2	1.15	6,127	- 6.5	.12	40,404	4.3	4.38
1980	47	1,315	17.3	40.0	22,723	12.5	3.74	2,837	1.0	12.4	4,099	12.6	1.23	8,081	31.6	.14	45,284	10.0	4.31
1981 4/	46	132	18.1	41.3	1,794	14.9	3.79	163	- 4.7	13.4	256	7.5	1.29	628	37.6	0.09	3,365	11.2	4.71
Jan.	46	117	11.3	41.4	1,676	11.4	3.76	175	4.0	13.2	255	8.2	1.29	612	27.8	.08	3,233	9.7	4.57
Feb. 5/	46	125	11.8	40.7	1,990	13.6	3.74	224	8.6	12.6	300	11.3	1.28	747	27.6	.08	3,851	12.2	4.40
Mar.	46	125	2.7	40.1	2,063	14.1	3.67	241	3.5	11.6	295	7.1	1.28	814	10.4	.08	4,022	8.7	4.22
Apr.	46	122	2.1	40.9	2,190	10.1	3.64	250	- .7	11.4	283	.2	1.28	889	3.7	.08	4,213	5.8	4.13
May																			
June																			
July																			
Aug.																			
Sept.																			
Oct.																			
Nov.																			
Dec.																			
Year to date	--	621	9.0	40.9	9,714	12.8	3.72	1,052	2.2	12.3	1,389	6.8	1.28	3,689	18.6	.08	18,685	9.5	4.39
5/																			

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to nonorder plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products: i.e., evaporated milk; condensed milk; whole milk powder; aerated, frozen, and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed; dumped or spilled; plant loss; and unidentified.

3/ Represents changes over the previous years. These changes are based on pounds of butterfat, except for nonfat dry milk which is based on pounds of skim milk. Data for 1980 adjusted to a 365-day basis before computing percent changes.

4/ Excludes New York-New Jersey.

5/ Percentage changes for February and year to date have been adjusted for the different number of days in February 1980 and February 1981.

# SUMMARY OF PACKAGED SALES OF FLUID MILK ITEMS IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS 1/

Year and month	Number of mths. 5/	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items				
		Percent		Percent		Percent		Percent		Percent		Percent		
		Change 4/		Change 4/		Change 4/		Change 4/		Change 4/		Change 4/		
		Sales		Sales		Sales		Sales		Sales		Sales		
		Total : Adj. 6/	Bf.	Total : Adj. 6/	Bf.	Total : Adj. 6/	Bf.	Total : Adj. 6/	Bf.	Total : Adj. 6/	Bf.	Total : Adj. 6/	Bf.	
		Mil. lbs.		Mil. lbs.			Mil. lbs.		Mil. lbs.					
1977	46	22,058	- 3.3	- 3.2	3.34	12,772	6.5	6.6	1.49	34,829	34,805	0.1	0.2	2.66
1978	46	21,545	- 2.5	- 3.3	3.33	13,380	4.4	4.8	1.50	34,926	35,025	0	.3	2.63
1979	46	20,981	- 2.6	- 2.9	3.32	14,000	4.6	4.3	1.51	34,981	34,960	.2	- .2	2.59
1980	46	20,147	- 4.2	- 4.2	3.31	14,653	4.4	4.4	1.52	34,800	34,699	- .8	- .7	2.56
1981 7/	46	1,734	- 3.9	- 5.1	3.31	1,345	4.7	3.5	1.53	3,079	2,848	.3	- 1.5	2.54
Jan.	46	1,533	- 6.0	- 4.7	3.30	1,217	3.8	4.9	1.53	2,750	2,873	- 1.9	- .7	2.52
Feb. 8/	46	1,656	- 4.5	- 4.6	3.30	1,337	6.3	5.9	1.53	2,994	2,893	0	- .1	2.50
Mar.	46	1,594	- 4.2	- 4.4	3.29	1,279	4.9	5.5	1.53	2,873	2,888	- .3	- .3	2.51
Apr.	46	1,587	- 6.5	- 3.4	3.30	1,267	1.6	5.0	1.52	2,854	2,868	- 3.1	.1	2.51
May	46	1,520	- .7	- 3.7	3.29	1,112	5.7	1.5	1.51	2,632	2,841	1.9	- 1.5	2.54
June														
July														
Aug.														
Sept.														
Oct.														
Nov.														
Dec.														
Year to:		9,625	- 4.4	- 4.4	3.30	7,557	4.4	4.5	1.52	17,182	17,212	- .7	- .7	2.52
date :														
8/														

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, solids added, flavored lowfat and skim milk, and buttermilk.

4/ Represents changes over the previous year. Percentages are based on the same number of comparable markets in both years. Data for 1980 are adjusted to a 365-day basis before computing percent changes.

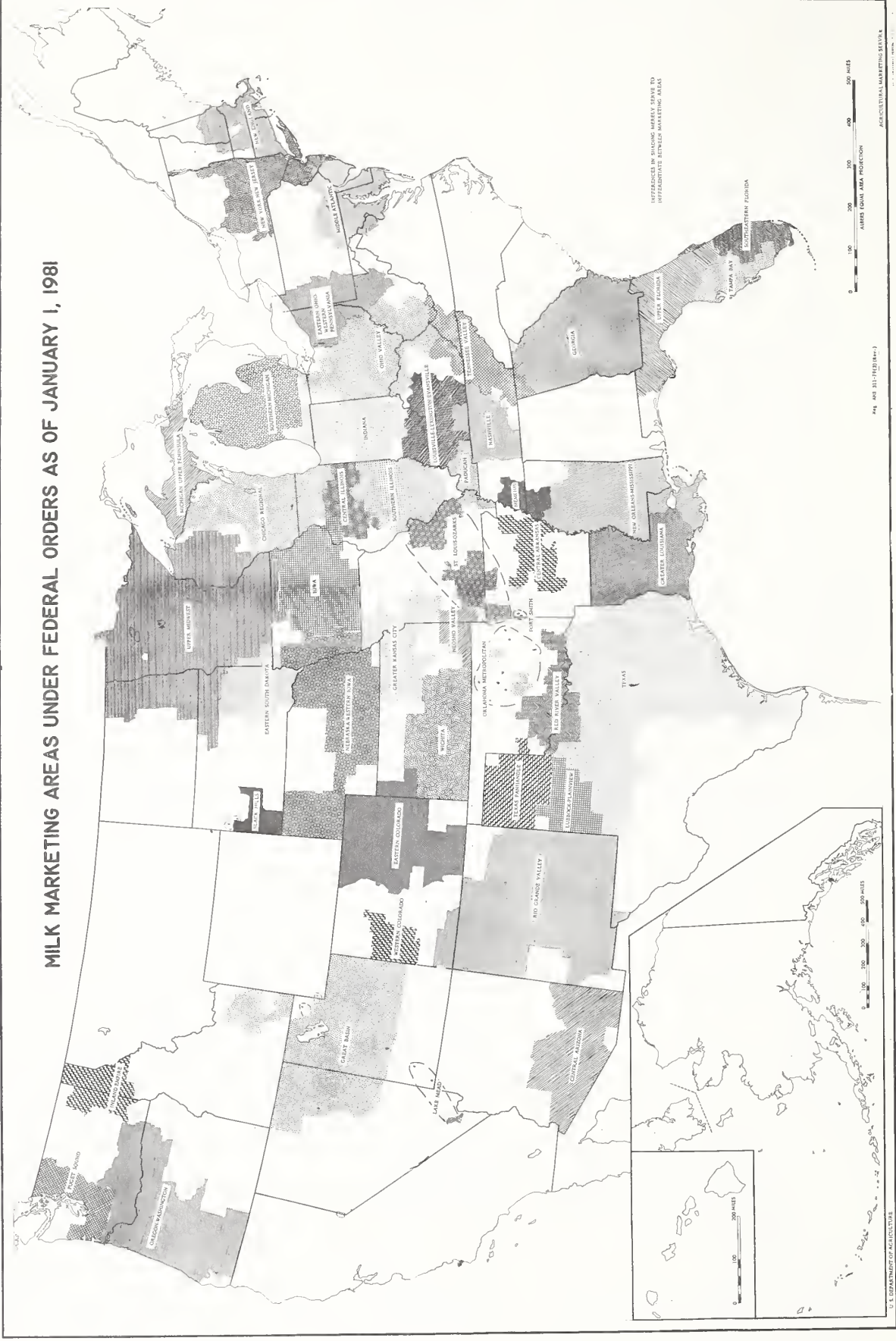
5/ Excludes the New York-New Jersey market.

6/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS-258, June 1981 Summary.

7/ Excludes the New York-New Jersey market. Data for current month are estimated.

8/ Percentage changes for February and year to date have been adjusted for the different number of days in February 1980 and February 1981.

# MILK MARKETING AREAS UNDER FEDERAL ORDERS AS OF JANUARY 1, 1981



10-70001-1

U.S. DEPARTMENT OF AGRICULTURE

AGRICULTURAL MARKETING SERVICE

TABLE 1--FEDERAL ORDER FLUID (CLASS 1) DIFFERENTIALS, JULY 1981 AND MINIMUM FEDERAL CLASS 1 PRICES, JULY AND AUGUST 1981 AND 1980 <sup>1/</sup>

Federal milk order marketing area	Fluid diff. 2/	Class I price				Federal milk order marketing area	Fluid diff. 2/	Class I price			
		July		August				July		August	
		1981	1980	1981	1980			1981	1980	1981	1980
<u>Dollars</u>											
NORTH ATLANTIC											
New England	2.92	15.53	14.58	15.51	14.60	EAST NORTH CENTRAL	2.10	14.71	13.76	14.69	13.78
New York-New Jersey	2.61	15.22	14.27	15.20	14.29	Tennessee Valley	1.85	14.46	13.51	14.44	13.53
Middle Atlantic	2.78	15.39	14.44	15.37	14.46	Nashville	1.70	14.31	13.36	14.29	13.38
						Paducah	1.94	14.55	13.60	14.53	13.62
SOUTH ATLANTIC											
Georgia	2.30	14.91	13.96	14.89	13.98	WEST SOUTH CENTRAL					
Upper Florida	2.85	15.46	14.51	15.44	14.53	Central Arkansas	1.94	14.55	13.60	14.53	13.62
Tampa Bay	2.95	15.56	14.61	15.54	14.63	Fort Smith	1.95	14.56	13.61	14.54	13.63
Southeastern Florida	3.15	15.76	14.81	15.74	14.83	Oklahoma Metrop.	1.98	14.59	13.64	14.57	13.66
						Red River Valley	2.20	14.81	13.86	14.79	13.88
EAST NORTH CENTRAL						Texas Panhandle	2.25	14.86	13.91	14.84	13.93
Michigan Upper Pen.	1.35	13.96	13.01	13.94	13.03	Lubbock-Plainview	2.42	15.03	14.08	15.01	14.10
Southern Michigan	1.60	14.21	13.26	14.19	13.28	Texas	2.32	14.93	13.98	14.91	14.00
Eastern Ohio-W. Pa.	1.85	14.46	13.51	14.44	13.53	Greater Louisiana	2.47	15.08	14.13	15.06	14.15
Ohio Valley	1.70	14.31	13.36	14.29	13.38	New Orleans-Miss.	2.85	15.46	14.51	15.44	14.53
Indiana	1.53	14.14	13.19	14.12	13.21						
Chicago Regional	1.26	13.87	12.92	13.85	12.94	MOUNTAIN					
Central Illinois	1.39	14.00	13.05	13.98	13.07	Eastern Colorado	2.30	14.91	13.96	14.89	13.98
Southern Illinois	3/ 1.53	14.14	13.19	14.12	13.21	Western Colorado	2.00	14.61	13.66	14.59	13.68
Louis.-Lex.-Evans.	1.70	14.31	13.36	14.29	13.38	Great Basin	1.90	14.51	13.56	14.49	13.58
						Lake Mead	1.60	14.21	13.26	14.19	13.28
WEST NORTH CENTRAL						Central Arizona	2.52	15.13	14.18	15.11	14.20
Upper Midwest	1.12	13.73	12.78	13.71	12.80	Rio Grande Valley	2.35	14.96	14.01	14.94	14.03
Eastern South Dakota	1.40	14.01	13.06	13.99	13.08						
Black Hills	1.95	14.56	13.61	14.54	13.63	PACIFIC					
Iowa	1.40	14.01	13.06	13.99	13.08	Puget Sound	1.85	14.46	13.51	14.44	13.53
Nebr.-Western Iowa	1.60	14.21	13.26	14.19	13.28	Inland Empire	1.95	14.56	13.61	14.54	13.63
Greater Kansas City	1.74	14.35	13.40	14.33	13.42	Oregon-Washington	1.95	14.56	13.61	14.54	13.63
St. Louis-Ozarks	1.60	14.21	13.26	14.19	13.28						
Neosho Valley	4/ 1.65	14.26	13.31	14.24	13.33						
Wichita	1.80	14.41	13.46	14.39	13.48						

<sup>1/</sup> Prices are for 100 pounds of milk of 3.5 percent butterfat content. Prices are listed generally for the major city in the marketing area; see footnotes on page 24 for these locations.

<sup>2/</sup> The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content. See Table 17.

<sup>3/</sup> Tied to the St. Louis-Ozarks order.

<sup>4/</sup> Tied to the Oklahoma Metropolitan order.

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, JUNE, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT						DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT			
	CLASS I		BLEND		CLASS		CLASS			
	JUN 1981	JUN 1980	JUN 1981	JUN 1980	II	III	I	II	III	JUN 1981
-----DOLLARS-----										
-----CENTS-----										
NORTH ATLANTIC										
NEW ENGLAND 2/	15.56	14.60	13.85	12.80	12.48					17.0
NEW YORK-NEW JERSEY 3/	15.25	14.29	13.19	12.28	12.56					17.0
MIDDLE ATLANTIC 4/	15.42	14.46	5/ 13.86	6/ 12.90	12.50					17.0
REGIONAL AVERAGE	15.38	14.42	13.52	12.56						17.0
SOUTH ATLANTIC										
GEORGIA 7/	14.94	13.98	14.46	13.35	12.74	12.59				17.0
UPPER FLORIDA 8/	15.49	14.53	15.25	14.21	12.74					17.0
TAMPA BAY	15.59	14.63	15.38	14.27	12.74					17.0
SOUTHEASTERN FLORIDA 9/	15.79	14.83	15.59	14.63	12.74					17.0
REGIONAL AVERAGE	15.38	14.43	15.03	13.97		10/ 6.59				17.0
EAST NORTH CENTRAL										
MICHIGAN UPPER PENINSULA 11/ 12/	13.99	13.03	13.21	12.53	12.59		18.4	17.0		17.5
SOUTHERN MICHIGAN 13/	14.24	13.28	13.31	12.41	12.74	12.59				16.7
EAST. OHIO-WEST. PENNSYLVANIA 14/	14.49	13.53	15/ 13.21	16/ 12.27	12.69	12.59				17.0
OHIO VALLEY 17/	14.34	13.38	13.33	12.35	12.69	12.59				17.0
INDIANA 19/	14.17	13.21	18/ 13.34	15/ 12.33	12.74	12.59				17.0
CHICAGO REGIONAL 20/	13.90	12.94	13.06	12.14	12.74	12.59				17.0
CENTRAL ILLINOIS 21/	14.03	13.07	13.44	12.38	12.74	12.59				17.0
SOUTHERN ILLINOIS 22/	14.17	13.21	13.58	12.56	12.74	12.59				17.0
LOUISVILLE-LEXINGTON-EVANSVILLE	14.34	13.38	13.16	12.12	12.74	12.59				17.0
REGIONAL AVERAGE	14.20	13.24	13.19	12.25						16.9
WEST NORTH CENTRAL										
UPPER MIDWEST 23/	13.76	12.80	12.81	11.91	12.74	12.59				17.0
EASTERN SOUTH DAKOTA 24/	14.04	13.08	13.20	12.30	12.74	12.59				17.0
BLACK HILLS 25/	14.59	13.63	13.71	12.64	12.59		17.7	16.2		16.9
IOWA 26/	14.04	13.08	13.12	12.24	12.74	12.59				17.0
NEBRASKA-WESTERN IOWA 27/	14.24	13.28	18/ 13.19	15/ 12.27	12.74	12.59				17.0
GREATER KANSAS CITY 28/	14.38	13.42	18/ 13.28	15/ 12.32	12.74	12.59				17.0
ST. LOUIS-OZARKS 29/	14.24	13.28	18/ 13.38	15/ 12.47	12.74	12.59				17.0
NEGSHU VALLEY 30/	14.29	13.33	13.27	12.52	12.74	12.59				17.0
WICHITA 31/	14.44	13.48	13.37	12.38	12.74	12.59				17.0
REGIONAL AVERAGE	14.08	13.12	13.00	12.10						17.0

CONTINUED

TABLE 2--FEDERAL MILK ORDER CLASS AND BLEND PRICES AND BUTTERFAT DIFFERENTIALS, JUNE, WITH COMPARISONS 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT						DIFFERENTIALS PER 0.1 PERCENT OF BUTTERFAT			
	CLASS I			BLEND			CLASS			
	JUN : 1981	JUN : 1980	JUN : 1981	JUN : 1980	JUN : 1981	JUN : 1981	I :	II :	III :	PRO- DUCER
-----DOLLARS-----										
-----CENTS-----										
EAST SOUTH CENTRAL										
TENNESSEE VALLEY <u>32/</u>	14.74	13.78	14.17	13.07	12.74	12.59				17.0
NASHVILLE	14.49	13.53	13.60	12.55	12.74	12.59				17.0
PADUCAH	14.34	13.38	13.60	12.62	12.74	12.59				17.0
MEMPHIS	14.58	13.62	14.27	13.21	12.74	12.59				17.0
REGIONAL AVERAGE	14.64	13.69	14.00	12.94						17.0
WEST SOUTH CENTRAL										
CENTRAL ARKANSAS <u>33/</u>	14.58	13.62	14.16	13.10	12.74	12.59				17.0
OKLAHOMA METROPOLITAN <u>34/</u>	14.62	13.66	13.91	12.87	12.74	12.59				17.0
RED RIVER VALLEY <u>35/</u>	14.84	13.88	14.11	13.09	12.74	12.59				17.0
TEXAS PANHANDLE <u>36/</u>	14.89	13.93	14.30	13.42	12.74	12.59				17.0
LUBBOCK-PLAINVIEW	15.06	14.10	14.65	13.50	12.74	12.59				17.0
TEXAS <u>37/</u>	14.96	14.00	14.36	13.35	12.74	12.59				17.0
GREATER LOUISIANA <u>38/</u>	15.11	14.15	14.72	13.69	12.74	12.59				17.0
NEW ORLEANS-MISSISSIPPI <u>39/</u>	15.49	14.53	14.63	13.63	12.74	12.59				17.0
REGIONAL AVERAGE	14.99	14.04	14.36	13.34						17.0
MOUNTAIN										
EASTERN COLORADO <u>40/</u>	14.94	13.98	14.16	13.29	12.74	12.59	19.2	17.7	17.7	18.5
WESTERN COLORADO <u>41/</u>	14.64	13.68	14.11	13.52	12.64	12.59	17.7	17.7	17.7	17.7
GREAT BASIN <u>42/</u>	14.54	13.58	13.51	12.63	12.74	12.59	17.7	17.0	17.0	17.3
LAKE MEAD <u>43/</u>	14.24	13.28	13.87	12.89	12.74	12.59	17.7	17.0	17.0	17.4
CENTRAL ARIZONA <u>44/</u>	15.16	14.20	14.08	13.06	12.74	12.59				17.0
RIO GRANDE VALLEY <u>45/</u>	14.99	14.03	14.14	12.92	12.74	12.59				17.0
REGIONAL AVERAGE	14.88	13.92	13.95	12.99						17.4
PACIFIC										
PUGET SOUND <u>46/</u>	14.49	13.53	13.34	12.37	12.84	12.59				17.0
INLAND EMPIRE <u>47/</u>	14.59	13.63	13.57	12.63	12.84	12.59	18.1	17.0	17.0	17.3
CREGON-WASHINGTON <u>48/</u>	14.59	13.63	13.52	12.61	12.84	12.59	17.7	17.0	17.0	17.2
REGIONAL AVERAGE	14.54	13.59	13.44	12.49						17.1
46-MARKET AVERAGE <u>49/ 50/</u>	14.75	13.80	13.46	12.51	---	---				17.0
ALL-MARKET AVERAGE	14.75	13.80	13.46	12.51 51/	12.60	12.59				17.0

See footnotes on page 24.



TABLE 3--AVERAGE FEDERAL MILK ORDER CLASS I AND BLEND PRICES, BY MARKETING AREA, JANUARY-JUNE, WITH COMPARISONS 1/--CON.

FEDERAL MILK ORDER MARKETING AREA	CLASS I PRICE PER HUNDREDWEIGHT		BLEND PRICE PER HUNDREDWEIGHT		CHANGE 1981 OVER 1980		CHANGE 1981 OVER 1980	
	1981	1980	1981	1980	1981	1980	1981	1980
	DOLLARS							
EAST SOUTH CENTRAL								
TENNESSEE VALLEY								
NASHVILLE	14.72	13.53	1.19	1.19	14.10	12.99	1.11	1.11
PADUCAH	14.47	13.28	1.19	1.19	13.50	12.50	1.00	1.00
MEMPHIS	14.32	13.12	1.20	1.20	13.81	12.71	1.10	1.10
REGIONAL AVERAGE	14.56	13.37	1.19	1.19	14.30	13.08	1.22	1.22
	14.63	13.43	1.20	1.20	13.95	12.86	1.09	1.09
WEST SOUTH CENTRAL								
CENTRAL ARKANSAS	14.56	13.37	1.19	1.19	14.10	13.07	1.03	1.03
OKLAHOMA METROPOLITAN	14.60	13.41	1.19	1.19	13.89	12.79	1.10	1.10
RED RIVER VALLEY	14.82	13.62	1.20	1.20	14.31	13.19	1.12	1.12
TEXAS PANHANDLE	14.87	13.68	1.19	1.19	14.49	13.38	1.11	1.11
LUBBOCK-PLAINVIEW	15.04	13.84	1.20	1.20	14.75	13.57	1.18	1.18
TEXAS	14.94	13.75	1.19	1.19	14.32	13.23	1.09	1.09
GREATER LOUISIANA	15.09	13.89	1.20	1.20	14.62	13.57	1.05	1.05
NEW ORLEANS-MISSISSIPPI	15.47	14.28	1.19	1.19	14.46	13.44	1.02	1.02
REGIONAL AVERAGE	14.97	13.78	1.19	1.19	14.31	13.23	1.08	1.08
MOUNTAIN								
EASTERN COLORADO	14.92	13.73	1.19	1.19	14.23	13.15	1.08	1.08
WESTERN COLORADO	14.62	13.43	1.19	1.19	14.33	13.35	.98	.98
GREAT BASIN	14.52	13.33	1.19	1.19	13.62	12.60	1.02	1.02
LAKE MEAD	14.22	13.04	1.18	1.18	13.88	12.71	1.17	1.17
CENTRAL ARIZONA	15.14	13.95	1.19	1.19	14.12	13.02	1.10	1.10
RIO GRANDE VALLEY	14.97	13.78	1.19	1.19	14.28	12.93	1.35	1.35
REGIONAL AVERAGE	14.86	13.67	1.19	1.19	14.04	12.93	1.11	1.11
PACIFIC								
PUGET SOUND								
INLAND EMPIRE	14.47	13.28	1.19	1.19	13.40	12.27	1.13	1.13
OREGON-WASHINGTON	14.57	13.38	1.19	1.19	13.62	12.52	1.10	1.10
REGIONAL AVERAGE	14.53	13.34	1.19	1.19	13.61	12.52	1.09	1.09
					13.51	12.39	1.12	1.12
46-MARKET AVERAGE <u>2/ 3/</u>	14.74	13.54	1.20	1.20	13.59	12.50	1.09	1.09
ALL-MARKET AVERAGE	14.74	13.54	1.20	1.20	13.59	12.50	1.09	1.09

1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. See footnotes on page 24 for location at which price is reported. All averages are weighted.

2/ Based on markets where orders were effective entire period, 1980-81, and which had no significant marketing area changes.

3/ Excludes Fort Smith. Fewer than three handlers.

TABLE 4---NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, JUNE

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS			TOTAL PRODUCER DELIVERIES			BUTTERFAT CONTENT : OF PRODUCER : DELIVERIES			AVERAGE DAILY DELIVERY PER PRODUCER		
	: : :			: : :			: : :			: : :		
	JUN 1981	CHANGE FROM JUN 1980	JUN 1981	JUN 1980	CHANGE FROM JUN 1980	JUN 1980	JUN 1981	JUN 1980	JUN 1981	JUN 1980	JUN 1981	JUN 1980
	1,000 LBS.			PERCENT			PERCENT			POUNDS		
NORTH ATLANTIC												
NEW ENGLAND	6,983	360-	437,091	457,477	4.5-	3.53	3.50	2,086	2,077			
NEW YORK-NEW JERSEY	17,512	36-	964,582	941,270	2.5	3.54	3.52	1,836	1,788			
MIDDLE ATLANTIC	7,497	171	491,785	462,583	6.3	3.55	3.56	2,187	2,105			
REGIONAL AVERAGE OR TOTAL	31,992	225-	1,893,458	1,861,330	1.7	3.54	3.53					
SOUTH ATLANTIC												
GEORGIA	1,206	14	116,262	114,015	2.0	3.51	3.47	3,213	3,188			
UPPER FLORIDA	207	11-	52,940	59,718	11.4-	3.35	3.37	8,970	9,290			
TAMPA BAY	168	27	58,155	48,201	20.7	3.36	3.38	10,531	10,805			
SOUTHEASTERN FLORIDA	63	3-	59,524	61,386	3.0-	3.29	3.39	30,698	30,419			
REGIONAL AVERAGE OR TOTAL	1,644	27	286,881	283,320	1.3	3.40	3.42					
EAST NORTH CENTRAL												
MICHIGAN UPPER PENINSULA	112	4	4,150	4,177	.6-	3.58	3.62	1,235	1,289			
SOUTHERN MICHIGAN	6,480	71	396,122	385,744	2.7	3.49	3.52	2,038	2,006			
EAST-OHIO-WEST- PENNSYLVANIA	6,177	276-	293,912	306,159	4.0-	3.52	3.55	1,586	1,581			
OHIO VALLEY	5,423	19	262,201	260,919	.5	3.55	3.53	1,612	1,609			
INDIANA	3,079	161	154,867	159,003	2.6-	3.57	3.57	1,677	1,816			
CHICAGO REGIONAL	18,046	551	1,114,041	1,052,092	5.9	3.55	3.58	2,058	2,005			
CENTRAL ILLINOIS	299	83-	14,051	18,620	24.5-	3.56	3.57	1,566	1,625			
SOUTHERN ILLINOIS	1,478	120-	81,905	87,623	6.5-	3.57	3.53	1,847	1,828			
LOUISVILLE-LEXINGTON-EVANSVILLE	2,564	415	113,464	102,637	10.5	3.53	3.49	1,475	1,592			
REGIONAL AVERAGE OR TOTAL	43,658	742	2,434,713	2,376,974	2.4	3.54	3.55					
WEST NORTH CENTRAL												
UPPER MIDWEST	15,112	787	820,484	754,817	8.7	3.58	3.57	1,810	1,756			
EASTERN SOUTH DAKOTA	437	18-	26,392	24,532	7.6	3.45	3.48	2,133	2,021			
BLACK HILLS	77	12-	6,786	6,837	.7-	3.41	3.38	2,938	2,774			
IOWA	3,916	417	226,123	193,051	17.1	3.53	3.51	1,955	1,871			
NEBRASKA-WESTERN IOWA	1,617	62	113,937	97,538	16.8	3.43	3.46	2,363	2,237			
GREATER KANSAS CITY	1,352	318-	81,158	91,687	11.5-	3.49	3.38	2,001	2,058			
ST. LOUIS-OZARKS	3,045	29	170,987	173,158	1.3-	3.48	3.43	1,872	1,914			
NEOSHO VALLEY	14	15-	648	1,120	42.1-	3.43	3.48	1,752	2,170			
WICHITA	523	27-	35,951	36,147	.5-	3.48	3.39	2,397	2,375			
REGIONAL AVERAGE OR TOTAL	26,093	905	1,482,466	1,378,887	7.5	3.54	3.52					

CONTINUED

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL PRODUCER DELIVERIES, BUTTERFAT CONTENT OF PRODUCER DELIVERIES, AND AVERAGE DAILY DELIVERY PER PRODUCER, BY MARKETING AREA, JUNE--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	NUMBER OF PRODUCERS			TOTAL PRODUCER DELIVERIES			BUTTERFAT CONTENT OF PRODUCER DELIVERIES			AVERAGE DAILY DELIVERY PER PRODUCER		
	:			:			:			:		
	JUN 1981	:	CHANGE FROM JUN 1980	JUN 1981	:	JUN 1980	JUN 1981	:	CHANGE FROM JUN 1980	JUN 1981	:	JUN 1980
<hr/>												
	PERCENT			PERCENT			PERCENT			POUNDS		
	1,000 LBS.			1,000 LBS.			1,000 LBS.			1,000 LBS.		
<hr/>												
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	1,357		391-	87,034		106,558			18.3-	3.56		2,138
NASHVILLE	1,049		139	49,341		48,843			1.0	3.50		1,568
PADUCAH	147		23	6,163		5,743			7.3	3.56		1,398
MEMPHIS	548		21-	27,245		25,371			7.4	3.48		1,544
REGIONAL AVERAGE OR TOTAL	3,101		250-	169,783		186,515			9.0-	3.53		2,241
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WEST SOUTH CENTRAL												
CENTRAL ARKANSAS-FT. SMITH 1/	879		89	37,157		33,819			9.9	3.41		1,980
OKLAHOMA METROPOLITAN	1,303		139-	79,474		81,675			2.7-	3.45		2,324
RED RIVER VALLEY	97		25-	3,798		3,795			.1	3.46		2,181
TEXAS PANHANDLE	111		18	9,584		8,774			9.2	3.34		7,723
LU8BOCK-PLAINVIEW	31		1-	5,215		5,735			9.1-	3.47		6,964
TEXAS	2,917		108	301,847		287,751			4.9	3.42		5,810
GREATER LOUISIANA	672		13-	43,669		45,077			3.1-	3.41		3,449
NEW ORLEANS-MISSISSIPPI	1,777		2-	98,641		102,833			3.59	3.54		2,166
REGIONAL AVERAGE OR TOTAL	7,787		35	579,385		569,459			4.1-	3.50		1,850
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MOUNTAIN												
EASTERN COLORADO	730		79-	77,427		71,953			7.6	3.43		3,535
WESTERN COLCORDO	41		4-	8,320		5,910			40.8	3.42		2,965
GREAT BASIN	653		40-	81,815		75,253			8.7	3.42		4,378
LAKE MEAD	31		7-	12,347		12,087			2.1	3.30		4,176
CENTRAL ARIZONA	165		6	88,571		83,148			3.23	3.23		13,276
RIO GRANDE VALLEY	128		11-	43,368		50,184			6.5	3.51		18,141
REGIONAL AVERAGE OR TOTAL	1,748		135-	311,848		298,535			13.6-	3.34		17,916
<hr/>												
PACIFIC									4.5	3.35		14,281
PUGET SOUND									3.42	3.42		13,230
INLAND EMPIRE	1,157		21-	167,953		167,080			.5	3.41		
OREGON-WASHINGTON	292		2	34,858		31,762			3.53	3.53		4,839
REGIONAL AVERAGE OR TOTAL	904		73-	136,285		136,873			9.7	3.45		4,728
	2,353		92-	339,096		335,715			.4-	3.59		3,979
<hr/>												
47-MARKET AVERAGE 2/	118,376		1,007	7,497,630		7,290,735			1.0	3.56		5,025
<hr/>												
ALL-MARKET AVERAGE OR TOTAL	118,376		1,007	7,497,630		7,290,735			2.8	3.52		2,111
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1/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.  
2/ Based on markets where orders were effective entire period, 1980-81, and which had no significant marketing area changes.

TABLE 5--PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JUNE, WITH COMPARISONS

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				CLASS I UTILIZATION			GROSS CLASS I USE		
	JUN 1981	JUN 1980	CHANGE		JUN 1981	JUN 1980	JUN 1981	JUN 1980	CHANGE FROM JUN 1980	
			PERCENT	1,000 POUNDS						
	1,000 POUNDS	PERCENT	-PERCENT-		1,000 POUNDS		PERCENT			
NORTH ATLANTIC										
NEW ENGLAND	223,339	216,875	3.0		51.1	47.4	223,518	2.9		
NEW YORK-NEW JERSEY	358,452	354,616	1.1		37.2	37.7	358,452	1.1		
MIDDLE ATLANTIC	223,593	219,203	2.0		45.5	47.4	236,216	2.8		
REGIONAL AVERAGE OR TOTAL	805,384	790,694	1.9		42.5	42.5				
SOUTH ATLANTIC										
GEORGIA	90,781	81,260	11.7		78.1	71.3	92,152	10.1		
UPPER FLORIDA	47,879	52,225	8.3-		90.4	87.5	53,320	5.5-		
TAMPA BAY	52,976	41,704	27.0		91.1	86.5	57,872	28.2		
SOUTHEASTERN FLORIDA	55,394	57,193	3.1-		93.1	93.2	59,715	4.1-		
REGIONAL AVERAGE OR TOTAL	247,030	232,382	6.3		86.1	82.0				
EAST NORTH CENTRAL										
MICHIGAN UPPER PENINSULA	1,846	2,231	17.3-		44.5	53.4	2,174	9.9-		
SOUTHERN MICHIGAN	161,550	165,561	2.4-		40.8	42.9	161,844	2.3-		
EAST. OHIO-WEST. PENNSYLVANIA	148,860	145,593	2.2		50.6	47.6	148,954	2.3		
OHIO VALLEY	142,236	135,786	4.8		54.2	52.0	145,672	3.3		
INDIANA	96,200	93,177	3.2		62.1	58.6	96,902	3.7		
CHICAGO REGIONAL	228,290	222,281	2.7		20.5	21.1	228,448	2.5		
CENTRAL ILLINOIS	7,644	8,213	6.9-		54.4	44.1	7,770	7.2-		
SOUTHERN ILLINOIS	43,761	40,113	9.1		53.4	45.8	44,343	8.2		
LOUISVILLE-LEXINGTON-EVANSVILLE	61,668	49,536	24.5		54.4	48.3	62,000	24.5		
REGIONAL AVERAGE OR TOTAL	892,055	862,491	3.4		36.6	36.3				
WEST NORTH CENTRAL										
UPPER MIDWEST	113,531	111,854	1.5		13.8	14.8	113,637	1.6		
EASTERN SOUTH DAKOTA	9,657	9,911	2.6-		36.6	40.4	9,681	2.5-		
BLACK HILLS	3,904	3,462	12.8		57.5	50.6	3,911	11.6		
IOWA	59,276	53,096	11.6		26.2	27.5	59,360	11.7		
NEBRASKA-WESTERN IOWA	40,819	38,353	6.4		35.8	39.3	41,070	4.5		
GREATER KANSAS CITY	33,125	33,637	1.5-		40.8	36.7	33,125	1.8-		
ST. LOUIS-OZARKS	89,493	93,786	4.6-		52.3	54.2	95,739	4-		
NEOSHO VALLEY	255	599	57.4-		39.4	53.5	257	57.3-		
WICHITA	14,768	13,835	6.7		41.1	38.3	14,768	6.7		
REGIONAL AVERAGE OR TOTAL	364,828	358,533	1.8		24.6	26.0				

CONTINUED

TABLE 5---PRODUCER DELIVERIES OF MILK USED IN CLASS I, CLASS I UTILIZATION, AND GROSS CLASS I USE BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JUNE, WITH COMPARISONS--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I				CLASS I UTILIZATION				GROSS CLASS I USE			
	JUN 1981		JUN 1980		JUN 1981		JUN 1980		JUN 1981		JUN 1980	
	1,000 POUNDS		PERCENT		-PERCENT-		1,000 POUNDS		PERCENT		CHANGE FROM JUN 1980	
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	62,460	69,483	10.1-	65.2	71.8	62,744	9.8-					
NASHVILLE	24,053	22,699	6.0	46.5	48.7	24,228	6.7					
PADUCAH	5,222	4,822	8.3	84.0	84.7	5,224	6.6					
MEMPHIS	22,235	19,496	14.0	76.8	81.6	23,050	14.1					
REGIONAL AVERAGE OR TOTAL	113,970	116,500	2.2-	62.5	67.1							
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH 1/	28,652	24,616	16.4	72.8	77.1	29,166	11.5					
OKLAHOMA METROPOLITAN	48,619	45,834	6.1	56.1	61.2	48,619	6.1					
RED RIVER VALLEY	2,366	2,338	1.2	61.6	62.3	2,366	1.2					
TEXAS PANHANDLE	7,017	6,809	3.1	77.6	73.2	7,017	3.1					
LUBBOCK--PLAINVIEW	4,318	4,329	.3-	75.5	82.8	4,318	.3-					
TEXAS	220,639	205,508	7.4	71.4	73.1	220,818	7.3					
GREATER LOUISIANA	36,487	36,820	.9-	81.7	83.6	36,904	.4-					
NEW ORLEANS--MISSISSIPPI	63,623	65,783	3.3-	64.0	64.5	66,267	.4					
REGIONAL AVERAGE OR TOTAL	411,721	392,037	5.0	68.8	71.1							
MOUNTAIN												
EASTERN COLORADO	51,107	48,963	4.4	68.0	66.0	53,782	2.9					
WESTERN COLORADO	6,156	5,301	16.1	89.7	74.0	6,459	16.9					
GREAT BASIN	37,940	35,944	5.6	47.8	46.4	38,997	5.5					
LAKE MEAD	8,492	8,232	3.2	68.1	68.8	8,602	3.6					
CENTRAL ARIZONA	50,118	44,681	12.2	53.7	56.6	50,391	12.2					
RIO GRANDE VALLEY	26,872	25,865	3.9	51.5	62.0	26,903	3.9					
REGIONAL AVERAGE OR TOTAL	180,685	168,986	6.9	56.6	57.9							
PACIFIC												
PUGET SOUND	63,217	59,367	6.5	35.5	37.6	67,015	6.5					
INLAND EMPIRE	14,110	13,336	5.8	42.0	40.5	14,263	5.2					
OREGON--WASHINGTON	61,911	62,415	.8-	45.6	45.4	66,098	.6					
REGIONAL AVERAGE OR TOTAL	139,238	135,118	3.0	40.2	41.1							
47-MARKET AVERAGE OR TOTAL 2/	3,154,911	3,056,741	3.2	41.9	42.1							
ALL-MARKET AVERAGE OR TOTAL	3,154,911	3,056,741	3.2	41.9	42.1							

1/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.  
2/ Based on markets where orders were effective entire period, 1980-81, and which had no significant marketing area changes.

TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, JUNE AND YEAR TO DATE 1/

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS II			CLASS II UTILIZATION			PRODUCER DELIVERIES USED IN CLASS II			CLASS II UTILIZATION		
	JUNE			JUNE			YEAR TO			YEAR TO		
	1981	1980	1981	1981	1980	1981	DATE 1981	DATE 1980	DATE 1980	1981	1980	1980
	1,000 POUNDS			PERCENT			1,000 POUNDS			PERCENT		
SOUTH ATLANTIC												
GEORGIA	12,645	8,736	10.9	7.7		64,084	56,659	8.0	7.3			
EAST NORTH CENTRAL												
SOUTHERN MICHIGAN	23,734	22,434	6.0	5.8		136,885	135,788	6.0	6.1			
EAST. OHIO--WEST. PENNSYLVANIA	21,223	20,812	7.2	6.8		125,224	126,405	7.2	7.2			
OHIO VALLEY	22,559	17,191	8.6	6.6		115,580	108,759	7.4	7.2			
INDIANA	21,356	18,453	13.8	11.6		104,362	102,566	11.0	11.1			
CHICAGO REGIONAL	107,682	96,819	9.7	9.2		573,658	542,430	9.1	9.2			
CENTRAL ILLINOIS	1,120	695	8.0	3.7		3,188	3,126	3.8	3.2			
SOUTHERN ILLINOIS	12,707	11,188	15.5	12.8		57,901	52,769	12.0	10.7			
LOUISVILLE--LEXINGTON--EVANSVILLE	13,178	13,804	11.6	13.4		56,677	65,625	9.2	10.8			
WEST NORTH CENTRAL												
UPPER MIDWEST	23,202	22,477	2.8	3.0		141,734	141,657	2.9	3.2			
EASTERN SOUTH DAKOTA	2,961	3,112	11.2	12.7		16,432	15,906	10.7	10.7			
IOWA	12,648	9,900	5.6	5.1		61,878	54,434	4.8	4.9			
NEBRASKA--WESTERN IOWA	12,281	10,546	10.8	10.8		59,967	58,541	9.0	10.1			
GREATER KANSAS CITY	21,590	18,294	26.6	20.0		116,475	89,957	23.7	18.8			
ST. LOUIS--OZARKS	32,430	40,078	19.0	23.1		201,685	207,946	18.7	19.7			
NEOSHO VALLEY	14	108	2.2	9.6		149	357	2.8	7.6			
WICHITA	2,595	3,731	7.2	10.3		17,661	21,078	8.4	10.3			
EAST SOUTH CENTRAL												
TENNESSEE VALLEY	11,262	10,011	12.9	9.4		59,106	49,208	8.8	7.3			
NASHVILLE	3,927	6,761	8.0	13.8		24,318	35,794	7.0	11.8			
PADUCAH	476	689	7.7	12.0		2,861	4,129	6.8	9.9			
MEMPHIS	3,294	3,748	12.1	14.8		17,930	17,935	10.0	11.2			

CONTINUED

TABLE 6--PRODUCER DELIVERIES OF MILK USED IN CLASS II AND CLASS II UTILIZATION FOR HANDLERS REGULATED UNDER FEDERAL ORDERS BY MARKETING AREA, JUNE AND YEAR TO DATE 1/--CONTINUED

FEDERAL MILK ORDER MARKETING AREA	PRODUCER DELIVERIES			CLASS II			PRODUCER DELIVERIES			CLASS II		
	USED IN CLASS II			UTILIZATION			USED IN CLASS II			UTILIZATION		
	JUNE	JUNE	JUNE	JUNE	JUNE	JUNE	YEAR TO	YEAR TO	YEAR TO	YEAR TO	YEAR TO	YEAR TO
	1981	1980	1980	1981	1980	1980	DATE 1981	DATE 1980	DATE 1980	1981	1980	1980
	1,000 POUNDS			PERCENT			1,000 POUNDS			PERCENT		
WEST SOUTH CENTRAL												
CENTRAL ARKANSAS--FT. SMITH <sup>2/</sup>	2,471	2,571		6.7	7.6		12,337	12,349		5.2	6.1	
OKLAHOMA METROPOLITAN	10,948	11,068		13.8	13.6		60,212	53,110		11.8	11.1	
RED RIVER VALLEY	1,260	1,254		33.2	33.0		5,481	4,586		24.1	20.4	
TEXAS PANHANDLE	1,241	1,061		12.9	12.1		6,387	5,360		11.9	10.6	
LUBBOCK--PLAINVIEW	358	346		6.9	6.0		1,739	1,369		5.0	3.6	
TEXAS	40,683	41,537		13.5	14.4		220,482	203,307		11.4	11.3	
GREATER LOUISIANA	2,621	4,002		6.0	8.9		12,812	15,018		4.3	5.0	
NEW ORLEANS--MISSISSIPPI	11,839	9,690		12.0	9.4		61,918	54,256		8.8	8.3	
MOUNTAIN												
EASTERN COLORADO	8,706	8,773		11.2	12.2		49,995	49,359		11.0	11.0	
CENTRAL ARIZONA	10,951	10,598		12.4	12.7		63,988	63,231		11.6	12.7	
RIO GRANDE VALLEY	11,124	8,100		25.7	16.1		58,012	50,459		22.6	17.4	
PACIFIC												
PUGET SOUND	16,818	16,388		10.0	9.8		96,105	102,536		9.8	10.5	
INLAND EMPIRE	2,851	2,727		8.2	8.6		15,479	14,915		7.9	8.1	
OREGON--WASHINGTON	18,936	18,052		13.9	13.2		102,343	95,293		12.7	12.2	

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped. Also excludes Lake Mead and Great Basin for which the data were restricted; and Western Colorado for which there were no producer deliveries used in Class II. Otherwise, all orders which have three classes of utilization are shown.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-JUNE, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
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	1981	1980	CHANGE :	1981	1980	CHANGE :	1981	1980	CHANGE :
	:	:	FROM :	:	:	FROM :	:	:	FROM :
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	1,000 POUNDS			1,000 POUNDS			PERCENT		
	PERCENT			PERCENT			PERCENT		
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TABLE 7--TOTAL PRODUCER DELIVERIES OF MILK AND PRODUCER DELIVERIES USED IN CLASS I BY HANDLERS REGULATED UNDER FEDERAL ORDERS, BY MARKETING AREA, JANUARY-JUNE, WITH COMPARISONS 1/--CONTINUED

	TOTAL PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			CLASS I UTILIZATION		
	1981	1980	CHANGE : : 1981 : : FROM : : 1980 :	1981	1980	CHANGE : : 1981 : : FROM : : 1980 :	1981	1980	PERCENT
	1,000 POUNDS	1,000 POUNDS	PERCENT	1,000 POUNDS	1,000 POUNDS	PERCENT			PERCENT
FEDERAL MILK ORDER MARKETING AREA									
EAST SOUTH CENTRAL									
TENNESSEE VALLEY	671,808	671,437	-6	462,873	473,578	1.7-	68.9	70.5	
NASHVILLE	349,711	304,089	15.6	152,597	156,206	1.8-	43.6	51.4	
PADUCAH	41,845	41,524	1.3	34,859	35,892	2.3-	83.3	86.4	
MEMPHIS	179,504	160,714	12.3	150,094	132,416	14.0	83.6	82.4	
REGIONAL AVERAGE OR TOTAL	1,242,868	1,177,764	6.1	800,423	798,092	.8	64.4	67.8	
WEST SOUTH CENTRAL									
CENTRAL ARKANSAS--FT. SMITH 2/									
OKLAHOMA METROPOLITAN	239,188	201,378	19.4	179,969	164,492	10.0	75.2	81.7	
RED RIVER VALLEY	512,091	480,269	7.2	307,282	299,255	3.2	60.0	62.2	
TEXAS PANHANDLE	22,755	22,472	1.8	16,379	17,179	4.1-	72.0	76.4	
LUBBOCK--PLAINVIEW	53,592	50,354	7.0	43,887	42,865	3.0	81.9	85.1	
TEXAS	34,766	37,855	7.6-	29,976	33,476	10.0-	86.2	88.4	
GREATER LOUISIANA	1,930,239	1,801,133	7.8	1,392,738	1,361,607	2.9	72.2	75.6	
NEW ORLEANS--MISSISSIPPI	296,330	301,612	1.2-	238,948	258,277	7.0-	80.6	85.6	
REGIONAL AVERAGE OR TOTAL	701,574	654,694	7.8	412,726	415,032	0	58.8	63.4	
	3,790,535	3,549,767	7.4	2,621,905	2,592,183	1.7	69.2	73.0	
MOUNTAIN									
EASTERN COLORADO	453,277	447,618	1.8	319,919	324,891	1.0-	70.6	72.6	
WESTERN COLORADO	45,719	38,043	20.8	38,726	35,191	10.7	84.7	92.5	
GREAT BASIN	470,473	411,675	14.9	244,361	234,376	4.8	51.9	56.9	
LAKE MEAD	72,993	70,176	4.6	52,872	50,277	5.7	72.4	71.6	
CENTRAL ARIZONA	552,445	499,638	11.2	320,906	300,480	7.4	58.1	60.1	
RIO GRANDE VALLEY	256,502	289,952	11.0-	174,310	174,740	.3	68.0	60.3	
REGIONAL AVERAGE OR TOTAL	1,851,409	1,757,102	5.9	1,151,094	1,119,955	3.3	62.2	63.7	
PACIFIC									
PUGET SOUND	977,014	978,667	.4	390,746	382,978	2.6	40.0	39.1	
INLAND EMPIRE	196,007	184,276	7.0	89,885	88,507	2.1	45.9	48.0	
OREGON--WASHINGTON	803,252	784,201	3.0	397,424	407,643	2.0-	49.5	52.0	
REGIONAL AVERAGE OR TOTAL	1,976,273	1,947,144	2.1	878,055	879,128	.4	44.4	45.1	
47-MARKET AVERAGE OR TOTAL 3/	44,954,269	42,833,313	5.5	20,292,167	20,431,005	.1-	45.1	47.7	
ALL MARKET AVERAGE OR TOTAL	44,954,269	42,833,313	5.5	20,292,167	20,431,005	.1-	45.1	47.7	

1/ Volumes include 29-day totals for February 1980. The percentage changes are based on adjusted 28-day totals for February 1980 to make them comparable to 1981.

2/ The data for Central Arkansas and Fort Smith have been combined in order to mask the data for Fort Smith which were restricted.

3/ Based on markets where orders were effective entire period, 1980-81, and which had no significant marketing area changes.

TABLE 8--WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, MAY 1981 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL FLUID MILK ITEMS				
	MAY 1981		CHANGE 1981 FROM 1980			MAY 1981		CHANGE 1981 FROM 1980			MAY 1981		CHANGE 1981 FROM 1980		
	SALES	BUTTER-FAT CONTENT	MAY	YEAR TO DATE 4/	PERCENT	SALES	BUTTER-FAT CONTENT	MAY	YEAR TO DATE 4/	PERCENT	SALES	BUTTER-FAT CONTENT	MAY	YEAR TO DATE 4/	PERCENT
	MIL. LB.					MIL. LB.					MIL. LB.				
NEW ENGLAND	170.0	3.29	- 6.7	- 4.8		62.8	.97	2.1	5.7		232.8	2.67	- 4.5	- 2.2	
NEW ENGLAND	170.0	3.29	- 6.7	- 4.8		62.8	.97	2.1	5.7		232.8	2.67	- 4.5	- 2.2	
MIDDLE ATLANTIC	153.2	3.29	- 5.4	- 2.9		80.4	1.37	- .4	2.0		233.6	2.63	- 3.8	- 1.3	
MIDDLE ATLANTIC	153.2	3.29	- 5.4	- 2.9		80.4	1.37	- .4	2.0		233.6	2.63	- 3.8	- 1.3	
SOUTH ATLANTIC	169.9	3.27	- 2.0	.3		87.2	1.17	- .9	1.4		257.1	2.56	- 1.7	.7	
TAMPA BAY	31.9	3.28	- 1.9	2.4		17.7	1.06	4.1	7.4		49.5	2.48	.1	4.1	
SOUTHEASTERN FLORIDA	44.4	3.29	- 3.3	.2		19.6	1.30	- 1.1	.5		64.0	2.68	- 2.7	.3	
UPPER FLORIDA	37.0	3.26	- 5.6	- 3.2		18.1	1.10	3.8	6.9		55.1	2.55	- 2.7	- .1	
GEORGIA	56.7	3.26	1.5	1.6		31.8	1.19	- 5.8	- 4.1		88.5	2.51	- 1.3	- .5	
EAST NORTH CENTRAL	464.0	3.26	- 10.5	- 9.0		479.6	1.64	2.3	5.1		943.6	2.44	- 4.4	- 2.4	
EASTERN GROUP															
SOUTHERN MICHIGAN	98.1	3.23	- 10.4	- 9.3		70.2	1.15	2.0	4.1		168.3	2.36	- 5.6	- 4.2	
E. OHIO - W. PA.	100.7	3.26	- 9.3	- 8.5		65.2	1.72	3.4	7.8		165.9	2.66	- 4.7	- 2.8	
OHIO VALLEY	71.2	3.25	- 10.3	- 7.9		83.3	1.69	2.1	4.4		154.5	2.41	- 4.0	- 1.8	
WESTERN GROUP															
MICH. UPPER PENINSULA	2.8	3.33	- 14.0	- 16.8		4.1	1.78	- 2.8	- .6		6.9	2.40	- 7.6	- 7.6	
CHICAGO REGIONAL	102.6	3.27	- 13.0	- 10.3		133.6	1.72	4.4	6.9		236.1	2.39	- 3.9	- 1.4	
LOUIS. - ILL. - EVANS	24.0	3.26	- 8.4	- 9.1		29.1	1.76	- 2.8	.1		53.1	2.44	- 5.4	- 4.2	
INDIANA	39.8	3.30	- 10.9	- 8.4		59.4	1.74	- 2.1	2.1		99.2	2.36	- 5.8	- 2.4	
SOUTHERN ILLINOIS	17.9	3.25	- 4.4	- 6.8		23.9	1.78	7.3	9.2		41.8	2.41	2.0	1.8	
CENTRAL ILLINOIS	7.1	3.25	- 9.7	- 9.8		10.8	1.80	6.3	6.1		17.9	2.38	- .7	- .8	
WEST NORTH CENTRAL	115.4	3.27	- 9.4	- 7.9		219.2	1.57	.9	3.1		334.7	2.15	- 2.9	- 1.0	
NORTHERN GROUP															
UPPER MIDWEST	24.2	3.27	- 10.9	- 8.8		86.9	1.47	- 1.8	.8		111.1	1.86	- 4.0	- 1.5	
EASTERN SOUTH DAKOTA	2.2	3.26	- 11.3	- 14.4		6.9	1.72	7.3	7.3		9.1	2.09	2.1	1.1	
BLACK HILLS	1.1	3.29	- 3.6	- 4.6		1.7	1.74	4.0	3.0		2.8	2.34	1.0	.0	
IOWA	17.5	3.32	- 11.5	- 8.5		39.6	1.69	1.9	4.3		57.2	2.19	- 2.6	- .1	
NEBRASKA - WESTERN IOWA	16.2	3.30	- 8.6	- 8.6		23.6	1.65	.7	2.6		39.8	2.32	- 3.3	- 2.2	

Continued

TABLE 8--WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLO IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, MAY 1981 WITH COMPARISONS 1/--CONTINUED

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL FLUID MILK ITEMS			
	MAY 1981		CHANGE 1981 FROM 1980		MAY 1981		CHANGE 1981 FROM 1980		MAY 1981		CHANGE 1981 FROM 1980	
	SALES	BUTTER-FAT CONTENT	MAY	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	MAY	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	MAY	YEAR TO DATE 4/
MIL. LB.	PERCENT			MIL. LB.	PERCENT			MIL. LB.	PERCENT			
WEST NORTH CENTRAL--CON-												
SOUTHERN GROUP												
ST. LOUIS - OZARKS	22.9	3.25	- 13.9	- 11.8	29.3	1.59	3.8	4.8	52.2	2.32	- 4.8	- 3.3
GREATER KANSAS CITY	18.9	3.26	- 9.5	- 7.0	21.5	1.58	1.1	4.0	40.4	2.36	- 4.2	- 1.5
NEOSHU VALLEY	3.4	3.27	15.9	18.5	2.1	1.52	27.0	33.4	5.4	2.61	19.8	23.9
WICHITA	9.1	3.23	4.2	- 1.3	7.6	1.49	5.8	5.5	16.7	2.44	5.0	1.8
EAST SOUTH CENTRAL												
PAOUCAH	64.4	3.31	- 7.0	- 4.0	50.9	1.47	- 2.3	1.6	115.3	2.49	- 5.0	- 1.6
NASHVILLE	4.1	3.22	- 22.5	- 12.7	2.5	1.52	- 12.8	- .1	6.6	2.59	- 19.1	- 8.2
MEMPHIS	17.5	3.37	- 8.9	- 5.7	11.5	1.35	- 1.4	3.2	29.0	2.56	- 6.0	- 2.3
TENNESSEE VALLEY	12.1	3.35	- 8.1	- 3.7	6.0	1.30	2.0	2.5	18.1	2.67	- 5.0	- 1.6
	30.6	3.27	- 2.7	- 1.7	30.8	1.54	- 2.4	.9	61.5	2.40	- 2.6	- .4
WEST SOUTH CENTRAL	301.9	3.37	- 2.2	- 2.2	107.6	1.33	5.4	8.7	409.5	2.83	- .3	.5
NORTHERN GROUP												
CENTRAL ARKANSAS	14.4	3.27	.5	.0	7.8	1.52	9.2	12.0	22.2	2.65	3.4	4.1
FORT SMITH	1.5	3.30	19.7	37.7	.8	1.39	8.5	8.0	2.2	2.63	15.5	25.4
OKLAHOMA METROPOLITAN	23.4	3.32	- 4.4	- 5.3	9.1	1.51	4.0	5.0	32.6	2.81	- 2.2	- 2.5
RED RIVER VALLEY	8.9	3.31	- 7.7	- .9	2.6	1.41	5.1	25.3	11.5	2.88	- 5.1	5.6
TEXAS PANHANDLE	6.2	3.37	- 4.7	- 5.7	1.7	1.47	- 7.2	- 2.1	7.9	2.96	- 5.3	- 5.0
LUBBOCK - PLAINVIEW	4.0	3.33	- 7.7	- 8.8	1.4	1.41	5.7	3.8	5.4	2.83	- 4.5	- 5.7
SOUTHERN GROUP												
GREATER LOUISIANA	39.3	3.53	5.3	6.3	12.1	1.46	7.2	9.6	51.3	3.05	5.8	7.1
NEW ORLEANS - MISS.	43.3	3.52	- 8.5	- 12.7	14.8	1.33	8.6	4.1	58.1	2.96	- 4.7	- 8.8
TEXAS	160.9	3.30	- 1.5	- 1.0	57.3	1.24	4.4	9.8	218.2	2.76	- .1	1.7
MOUNTAIN	99.6	3.36	- 4.4	- 3.5	90.5	1.68	2.9	3.9	190.2	2.56	- 1.0	- .1
EASTERN COLORADO												
GREAT BASIN	23.0	3.31	- 8.3	- 7.2	26.8	1.69	- .1	.8	49.8	2.44	- 4.1	- 3.1
WESTERN COLORADO	14.2	3.24	- 1.7	.8	24.0	1.84	1.3	2.2	38.2	2.36	.1	1.7
CENTRAL ARIZONA	2.2	3.28	- 6.8	- 2.0	2.2	1.60	.7	3.8	4.4	2.44	- 3.2	.8
RIO GRANDE VALLEY	28.5	3.48	- 4.3	- 1.5	24.1	1.57	6.6	10.3	52.6	2.61	.4	3.6
LAKE MEAD	24.3	3.33	- 2.7	- .8	8.2	1.46	7.3	10.1	32.5	2.86	- .3	1.8
	7.4	3.40	- 1.9	- 16.5	5.3	1.81	4.4	- 8.9	12.7	2.73	.6	- 13.5
PACIFIC	48.7	3.32	- 7.5	- 5.7	88.6	1.77	- .1	2.4	137.3	2.32	- 2.8	- .6
PUGET SOUND												
INLAND EMPIRE	20.9	3.29	- 3.5	- 3.2	35.7	1.79	- .1	1.7	56.6	2.35	- 1.4	- .2
GREGON - WASHINGTON	3.5	3.30	- 1.5	.7	8.7	1.77	5.1	6.1	12.2	2.21	3.1	4.5
	24.3	3.35	- 11.4	- 8.5	44.2	1.76	- 1.1	2.3	68.5	2.32	- 5.0	- 1.8
COMBINED AREAS (46)	1,587.3	3.30	- 6.5	- 5.1	1,266.8	1.52	1.6	4.2	2,854.0	2.51	- 3.1	- 1.2
COMBINED AREAS ADJ. FOR												
CALENDAR COMPOSITION 5/	1,610.9	---	- 3.4	- 3.5	1,283.7	---	5.1	4.9	2,894.3	---	.1	- .6
NEW YORK - NEW JERSEY 6/	---	---	---	---	---	---	---	---	376.4	---	- 3.5	- 1.1

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handlers' in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentage changes have been adjusted for the different number of days in February 1980 and February 1981.

5/ Figures adjusted to eliminate variations due to calendar composition. See special article in this issue, page 38.

6/ Small amount of sales estimated.

FOOTNOTES FOR TABLE 2.

- 1/ Prices are for milk of 3.5 percent butterfat content and for the major city in the marketing area. All averages are weighted.
- 2/ Zone 1 (Boston). Prices at 201-210 mile zone: Class I and blend are 50 cents less. Class I price at Hartford is 11 cents less.
- 3/ New York metropolitan area. Price excludes a 15-cent direct delivery differential. Price at 201-210 mile zone: Class I and blend, 36 cents less; Class II, 8 cents less.
- 4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent direct delivery differential applicable to milk delivered to Philadelphia.
- 5/ See Table 15 for 1981 deduction for advertising and promotion.
- 6/ Seven cents for advertising and promotion has been deducted from the blend price.
- 7/ Atlanta.
- 8/ Jacksonville and Tallahassee.
- 9/ Miami.
- 10/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped.
- 11/ Zone 2 (Marquette).
- 12/ Individual handler pool. Blend prices are weighted averages of all handlers, 1980-81.
- 13/ Price excludes direct delivery differentials of 10 cents applicable to milk delivered to Detroit.
- 14/ Zone 1 (Erie, Pa.). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus 10 cents.
- 15/ Nine cents for advertising and promotion has been deducted from the blend price.
- 16/ Five cents for advertising and promotion has been deducted from the blend price.
- 17/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo, (Northwestern zone) 5 cents less and at Charleston, W. Va. (Southeastern zone) 5 cents more.
- 18/ Ten cents for advertising and promotion has been deducted from the blend price.
- 19/ Indianapolis.
- 20/ Zone 1 (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less.
- 21/ Peoria.
- 22/ Base zone (Alton). Class I and blend price at Carbondale (Southeastern zone) 7 cents more.
- 23/ Zone 1 (Minneapolis).
- 24/ Sioux Falls.
- 25/ Rapid City, S. Dak.
- 26/ Zone 1 (Des Moines). Class I prices at other points in the marketing area: Rock Island, Ill., minus 7 cents; Waterloo, minus 16 cents.
- 27/ Zone 1 (Omaha).
- 28/ Kansas City and Topeka.
- 29/ Zone 1 (St. Louis and Springfield).
- 30/ Pittsburg, Kansas.
- 31/ Zone 1 (Wichita).
- 32/ Bristol, Chattanooga, and Knoxville.
- 33/ Little Rock.
- 34/ Oklahoma City.
- 35/ Wichita Falls, Tex.
- 36/ Amarillo.
- 37/ Zone 1 (Dallas). Class I price at Houston plus 36 cents.
- 38/ Monroe and Shreveport.
- 39/ Zone 1 (New Orleans).
- 40/ Denver.
- 41/ Grand Junction.
- 42/ Salt Lake City, Utah.
- 43/ Las Vegas, Nev.
- 44/ Phoenix.
- 45/ Albuquerque, Santa Fe, and El Paso.
- 46/ District 1 (Seattle).
- 47/ Spokane, Washington.
- 48/ Portland.
- 49/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1981, \$14.59 and 1980, \$13.63; Blend 1981, \$14.34 and 1980, \$13.46; Class II 1981, \$12.74; Class III 1981, \$12.59. Producer differential 1981, 17.0¢.
- 50/ Based on markets where orders were effective entire period, 1980-81, and which had no significant marketing area changes.
- 51/ A weighted average price for milk in excess of Class I needs calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs) would be \$12.59.

TABLE 9--PACKAGED SALES OF INDIVIDUAL WHOLE MILK PRODUCTS AND LOWFAT AND SKIM MILK PRODUCTS IN SELECTED MARKETING AREAS  
DEFINED BY FEDERAL MILK ORDERS, JANUARY 1981 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON- TENT	CHANGE 1981 FROM 1980		SALES	BF. CON- TENT	CHANGE 1981 FROM 1980		SALES	BF. CON- TENT	CHANGE 1981 FROM 1980	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	MIL.-LB.		PERCENT		MIL.-LB.		PERCENT		MIL.-LB.		PERCENT	
FLUID WHOLE MILK PRODUCTS *	1,734	3.31	3.9 -	3.9	1,533	3.30	6.0 -	4.9	1,656	3.30	0.5 -	4.8
WHOLE MILK	1,682	3.31	3.0 -	3.0	1,485	3.30	5.5 -	4.2	1,597	3.30	4.3 -	4.2
FLAVORED WHOLE MILK PRODUCTS	52	3.30	24.7 -	24.7	48	3.30	20.6 -	22.7	54	3.29	17.8 -	21.1
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,345	1.53	4.7	4.7	1,217	1.53	3.8	4.3	1,337	1.52	6.3	4.9
2% LOWFAT MILK - PLAIN	665	1.98	7.9	7.9	597	1.98	6.8	7.4	648	1.98	9.6	8.1
2% LOWFAT MILK - MILK SOLIDS ADDED	143	1.96	1.4	1.4	127	1.97	1.0	.2	135	1.96	5.2 -	1.6
1% LOWFAT MILK - PLAIN	161	.90	10.2	10.2	144	.90	7.7	9.0	164	.91	17.1	11.7
1% LOWFAT MILK - MILK SOLIDS ADDED	67	.95	9.1 -	9.1	59	.96	9.8 -	9.4	69	.93	7.2 -	8.6
SKIM MILK - PLAIN	102	.26	8.2	8.2	96	.26	5.9	7.0	101	.25	1.7	5.2
SKIM MILK - MILK SOLIDS ADDED	44	.38	17.0 -	17.0	40	.33	19.9 -	18.4	46	.33	14.2 -	17.0
FLAVORED LOWFAT AND SKIM MILK PRODUCTS	111	1.42	2.7	2.7	106	1.42	9.5	5.9	119	1.43	13.9	8.6
BUTTERMILK	52	1.05	.6 -	.6	48	1.03	2.1 -	1.3	53	1.01	1.3 -	1.3
TOTAL FLUID MILK PRODUCTS	3,079	2.54	.3 -	.3	2,750	2.52	1.9 -	1.1	2,994	2.50	0 -	.7
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	3,022	2.54	1.5 -	1.5	2,750	2.52	.7 -	1.1	3,045	2.50	.1 -	.8
PRODUCT NAME	APRIL				MAY				JUNE			
	SALES	BF. CON- TENT	CHANGE 1981 FROM 1980		SALES	BF. CON- TENT	CHANGE 1981 FROM 1980		SALES	BF. CON- TENT	CHANGE 1981 FROM 1980	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
FLUID WHOLE MILK PRODUCTS *	1,594	3.29	4.2 -	4.6	1,587	3.30	6.5 -	5.0				
WHOLE MILK	1,544	3.30	3.6 -	4.1	1,537	3.30	6.1 -	4.5				
FLAVORED WHOLE MILK PRODUCTS	50	3.25	18.3 -	20.4	50	3.30	19.3 -	20.2				
FLUID LOWFAT AND SKIM MILK PRODUCTS *	1,279	1.53	4.9	4.1	1,267	1.52	1.6	4.3				
2% LOWFAT MILK - PLAIN	638	1.98	11.5	8.9	640	1.98	8.2	8.8				
2% LOWFAT MILK - MILK SOLIDS ADDED	127	1.95	6.6 -	2.9	112	1.95	16.1 -	5.5				
1% LOWFAT MILK - PLAIN	147	.92	.5	8.5	160	.90	.5	6.8				
1% LOWFAT MILK - MILK SOLIDS ADDED	67	.91	1.5 -	6.2	58	.96	6.0 -	6.2				
SKIM MILK - PLAIN	100	.26	3.9	4.9	97	.25	.7	4.0				
SKIM MILK - MILK SOLIDS ADDED	43	.34	13.7 -	16.2	42	.34	16.1 -	16.2				
FLAVORED LOWFAT AND SKIM MILK PRODUCTS	107	1.41	6.2	8.0	106	1.43	4.4	7.3				
BUTTERMILK	51	1.02	.1 -	1.0	52	1.01	2.5 -	1.3				
TOTAL FLUID MILK PRODUCTS	2,873	2.51	.3 -	.6	2,854	2.51	3.1 -	1.1				
TOTAL ADJUSTED FOR CALENDAR COMPOSITION 3/	2,866	2.51	.3 -	.7	2,894	2.51	.1 -	.5				

\* May include small amounts of miscellaneous whole milk, and lowfat and skim milk products.

1/ See Table 8 for 46 markets included. Excludes the New York-New Jersey market.

2/ Percentage changes for February and year to date have been adjusted for the different number of days in February 1980 and February 1981.

3/ Figures are adjusted to eliminate variations due to calendar composition. See special article in this issue, page 38.

TABLE 10--PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, MAY 1981, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/				LOWFAT AND SKIM MILK ITEMS 4/				MILK AND CREAM MIXTURES				CREAM ITEMS 5/				TOTAL FLUID ITEMS 6/			
	SALES	BF. CON- TENT	CHANGE FROM 1980	PERCENT	SALES	BF. CON- TENT	CHANGE FROM 1980	PERCENT	SALES	BF. CON- TENT	CHANGE FROM 1980	PERCENT	SALES	BF. CON- TENT	CHANGE FROM 1980	PERCENT	SALES	BF. CON- TENT	CHANGE FROM 1980	PERCENT
	MIL.-LB.				MIL.-LB.				MIL.-LB.				MIL.-LB.				MIL.-LB.			
NEW ENGLAND	170	3.30	- 7.1		64	.97	2.4		3.4	10.9	11.2		4.1	23.6	- 2.6		243	3.13	- 4.1	
MIDDLE ATLANTIC	155	3.28	- 3.2		84	1.36	.6		1.7	11.0	3.4		1.4	21.9	2.1		245	2.77	- 1.6	
SOUTH ATLANTIC	177	3.27	- 1.2		88	1.18	.4		2.4	11.2	9.6		1.3	21.3	4.3		270	2.74	- .6	
EAST NORTH CENTRAL	468	3.26	- 10.0		484	1.64	2.7		9.8	10.8	.6		10.1	18.6	4.0		976	2.69	- 3.8	
WEST NORTH CENTRAL	142	3.27	- 10.4		247	1.57	.2		4.4	10.9	- 3.8		4.8	22.5	2.5		399	2.52	- 3.9	
EAST SOUTH CENTRAL	82	3.32	5.4		56	1.45	4.1		0.4	11.5	- 2.7		0.7	21.7	11.2		139	2.67	4.9	
WEST SOUTH CENTRAL	325	3.36	- 2.9		113	1.33	4.8		2.3	11.0	- 3.6		2.9	21.4	3.2		445	3.00	- 1.0	
MOUNTAIN	97	3.36	- 2.4		90	1.67	3.3		2.2	11.0	.8		2.5	21.8	3.1		195	2.87	.4	
PACIFIC	51	3.32	- 5.5		91	1.76	- .8		2.0	11.0	.3		1.8	25.0	3.9		148	2.72	- 2.8	
TOTAL OF REGIONS	1,666	3.30	- 5.6		1,318	1.52	1.9		28.5	10.9	1.5		29.5	21.2	2.7		3,061	2.77	- 2.3	

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Plain and flavored whole milk.

4/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

5/ Light, heavy, and sour cream, and cream dips.

6/ Includes yogurt and eggnog.

TABLE 11—PACKAGED SALES OF MILK AND CREAM MIXTURES, CREAM PRODUCTS, YOGURT, AND EGGNOG BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, JANUARY 1981 TO DATE, WITH COMPARISONS 1/

PRODUCT NAME	JANUARY				FEBRUARY				MARCH			
	SALES	BF. CON-TENT	CHANGE 1981 FROM 1980 2/		SALES	BF. CON-TENT	CHANGE 1981 FROM 1980 2/3/		SALES	BF. CON-TENT	CHANGE 1981 FROM 1980 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
	1,000 LB.		PERCENT		1,000 LB.		PERCENT		1,000 LB.		PERCENT	
MILK AND CREAM MIXTURES	26,909	10.9	.1	.1	25,264	10.9	-	.7	28,302	10.9	4.2	1.2
TOTAL CREAM PRODUCTS	24,299	20.3	-	.9	25,009	20.7	1.5	.2	27,598	21.0	3.3	1.3
LIGHT CREAM	3,181	17.7	-	9.1	3,185	18.0	-	7.1	3,520	18.5	2.5	-
HEAVY CREAM	4,490	34.2	2.0	2.0	4,922	34.4	6.6	4.2	5,679	34.4	3.0	3.8
SOUR CREAM	16,628	17.1	.1	.1	16,901	17.2	1.8	.9	18,398	17.4	3.6	1.8
YOGURT	14,782	2.6	-	10.0	16,255	2.5	.5	-	18,472	2.4	7.9	.5
EGGNOG	148	8.3	---	---	43	13.3	---	---	65	11.5	---	---
PRODUCT NAME	APRIL				MAY				JUNE			
	SALES	BF. CON-TENT	CHANGE 1981 FROM 1980 2/		SALES	BF. CON-TENT	CHANGE 1981 FROM 1980 2/3/		SALES	BF. CON-TENT	CHANGE 1981 FROM 1980 2/	
			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE			MONTH	YEAR TO DATE
MILK AND CREAM MIXTURES	27,562	10.9	3.0	1.7	28,490	10.9	1.5	1.6				
TOTAL CREAM PRODUCTS	29,504	21.3	7.2	2.9	29,539	21.2	2.7	2.9				
LIGHT CREAM	3,637	18.7	1.4	-	3,617	18.4	-	1.3				
HEAVY CREAM	6,972	33.7	10.4	5.9	6,824	34.1	3.4	5.3				
SOUR CREAM	18,895	17.3	7.2	3.2	19,098	17.1	3.3	3.2				
YOGURT	18,893	2.6	5.6	1.1	18,499	2.5	3.2	1.6				
EGGNOG	583	8.6	---	---	50	16.1	---	---				

1/ Total packaged disposition in and out of the marketing area by regulated handlers. Excludes the New York -New Jersey market.  
2/ Percentage changes over the previous year are based on the same number of comparable markets.  
3/ Percentage changes for February and year to date have been adjusted for the different number of days in February 1980 and February 1981.

TABLE 12—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, MAY 1980 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
MILK, SKIM MILK, AND CREAM 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	13,758	143,298	40,484	50,698	140,361	67,616	2,352	21,537	480,102
SOUTH ATLANTIC	141	18,824	15,281	2,646	0	58	2,529	7,200	46,680
EAST NORTH CENTRAL	48,715	883,360	81,211	122,687	259,793	134,894	7,353	93,686	1,631,699
WEST NORTH CENTRAL	35,009	707,141	38,842	44,568	294,624	24,389	1,642	31,208	1,177,423
EAST SOUTH CENTRAL	2,419	36,093	10,740	5,410	20,697	2,682	744	6,311	85,096
WEST SOUTH CENTRAL	7,827	65,701	30,096	21,042	31,052	12,412	4,796	29,477	202,404
MOUNTAIN	3,021	56,099	18,167	24,242	22,320	2,088	1,864	5,482	133,281
PACIFIC	13,168	67,288	13,011	20,335	88,336	5,588	468	3,256	211,450
TOTAL OF REGIONS 5/	124,057	1,977,804	247,831	291,628	857,183	249,726	21,749	198,158	3,968,135
BUTTERFAT 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	5,824	5,108	6,645	863	120	963	0	1,218	20,740
SOUTH ATLANTIC	32	660	2,125	36	0	0	0	306	3,160
EAST NORTH CENTRAL	19,212	33,172	8,872	1,382	305	551	0	3,660	67,153
WEST NORTH CENTRAL	14,656	25,442	3,696	622	149	251	0	1,375	46,191
EAST SOUTH CENTRAL	1,526	1,276	1,177	50	14	11	0	243	4,296
WEST SOUTH CENTRAL	2,067	2,167	3,333	282	21	268	0	638	8,775
MOUNTAIN	1,132	2,004	1,638	191	13	53	26	206	5,263
PACIFIC	4,303	2,555	1,285	180	48	141	0	155	8,667
TOTAL OF REGIONS 5/	48,750	72,384	28,770	3,605	671	2,239	26	7,801	164,245

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.  
2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 13—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, MAY 1981 1/

REGION 2 /	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
MILK, SKIM MILK, AND CREAM 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	14,244	158,166	43,039	49,443	137,959	58,053	3,859	29,564	494,327
SOUTH ATLANTIC	703	18,436	16,081	6,348	0	55	2,054	8,053	51,729
EAST NORTH CENTRAL	47,012	939,762	83,098	115,807	251,153	149,280	5,468	93,770	1,685,350
WEST NORTH CENTRAL	37,129	829,778	36,232	45,506	318,794	24,683	965	37,290	1,330,376
EAST SOUTH CENTRAL	2,506	32,363	10,851	4,985	21,971	2,412	760	8,172	84,019
WEST SOUTH CENTRAL	2,816	76,560	30,905	20,969	41,003	11,994	4,314	17,162	205,723
MOUNTAIN	3,292	68,463	17,330	21,479	26,241	5,548	1,911	4,951	149,216
PACIFIC	13,928	66,593	12,287	18,395	91,418	5,558	399	3,959	212,537
TOTAL OF REGIONS 5/	121,630	2,190,121	249,822	282,932	888,540	257,583	19,729	202,920	4,213,278
BUTTERFAT 1,000 POUNDS									
NEW ENGLAND AND MIDDLE ATLANTIC	5,735	5,711	7,043	807	104	907	189	1,150	21,645
SOUTH ATLANTIC	243	647	1,850	160	0	0	0	441	3,341
EAST NORTH CENTRAL	18,873	34,760	8,701	1,372	323	1,099	0	3,448	68,576
WEST NORTH CENTRAL	15,827	29,850	3,399	632	159	335	0	1,932	52,135
EAST SOUTH CENTRAL	1,550	1,150	1,302	44	30	2	0	356	4,434
WEST SOUTH CENTRAL	1,813	2,605	3,489	263	32	190	0	640	9,032
MOUNTAIN	1,291	2,537	1,547	164	16	246	0	189	5,990
PACIFIC	4,444	2,442	1,249	172	40	155	0	160	8,663
TOTAL OF REGIONS 5/	49,777	79,702	28,581	3,613	703	2,934	189	8,317	173,816

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ See Table 8 for markets included in each region. Middle Atlantic excludes New York-New Jersey. This market also is excluded from the total.

3/ Includes condensed skim milk and condensed whole milk.

4/ Other factory products include evaporated whole milk; milk, skim milk, and cream used in food products; whole milk powder; and aerated, frozen and plastic cream. Other uses include milk, skim milk, and cream used for animal feed; unidentified products; dumped or spilled; and plant loss.

5/ Totals may not add due to rounding.

TABLE 14--PERCENTAGE OF WHOLE MILK EQUIVALENT USED IN THE PRODUCTION OF MANUFACTURED DAIRY PRODUCTS, IN FEDERAL ORDER MARKETS, JANUARY 1981, TO DATE, WITH COMPARISONS 1/

[illegible]

	July	August	September	October	November	December
Manufactured dairy products	1981 : 1980	1981 : 1980	1981 : 1980	1981 : 1980	1981 : 1980	1981 : 1980
Butter						
Cheese						
Frozen desserts						
Cottage cheese						
All other <u>2/</u>						
Total	100.0	100.0	100.0	100.0	100.0	100.0

1/ Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

2/ Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, milk, aerated, frozen and plastic cream; and cream and cheese dips, and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

TABLE 15--FEDERAL MILK ORDER BASE AND EXCESS PRICES IN VARIOUS MARKETING AREAS, JUNE, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	PRICES PER HUNDREDWEIGHT			
	BASE		EXCESS	
	JUN	JUN	JUN	JUN
	1981	1980	1981	1980
	DOLLARS			
MIDDLE ATLANTIC 2/	13.89	13.08	12.37	11.52
GEORGIA 2/	3/14.58	4/13.81	3/12.59	4/11.68
SOUTHERN MICHIGAN	13.40	12.52	12.59	11.68
TENNESSEE VALLEY	14.34	13.25	12.59	11.68
NASHVILLE	13.77	12.75	12.59	11.68
MEMPHIS	14.49	13.61	12.79	12.04
CENTRAL ARKANSAS-FT. SMITH	14.62	13.40	12.58	11.64
PUGET SOUND 4/	14.31	13.26	12.59	11.68
OREGON-WASHINGTON	13.70	12.81	12.59	11.68

1/ See footnotes on page 24 for location at which price is reported.

2/ Thirteen cents for 1981, seven cents for 1980, has been deducted for advertising and promotion.

3/ The Class I base plan was terminated September 1, 1980.

4/ Class I base plan.

TABLE 16--FEDERAL MILK ORDER SEASONAL INCENTIVE PAYMENT PLANS IN VARIOUS MARKETING AREAS, JUNE, WITH COMPARISONS 1/

FEDERAL MILK ORDER MARKETING AREA	AMOUNTS PER HUNDREDWEIGHT	
	JUN 1981	JUN 1980
	DOLLARS	
NEW ENGLAND	.40	.40
NEW YORK-NEW JERSEY	.40	.40
EAST. OHIO-WEST. PENNSYLVANIA	.25	.25
OHIO VALLEY	.25	.25
INDIANA	.20	.20
LOUISVILLE-LEXINGTON-EVANSVILLE	.40	.40
PADUCAH	.50	.50

1/ During this month, these amounts are deducted from the blend price and thus withheld from producers.

TABLE 17--DAIRY PRODUCT PRICES, MANUFACTURING MILK PRICES, AND UNITED STATES MILK PRICES, JANUARY 1981 TO DATE WITH COMPARISONS

Month	Dairy product market prices											
	BUTTER 1/			CHEDDAR CHEESE 1/			NONFAT DRY MILK 2/			DRIED WHEY EDIBLE 1/		
	Chicago	New York	Grade AA	Wisconsin assembling points	Barrel	Blocks	Chicago area plant	Spray Process	Nonhygroscopic	Central States production area	Nonhygroscopic	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
	Dollars per pound											
Jan.	1.4725	1.3016	1.5561	1.3667	1.3413	1.2043	1.3932	1.2564	.9373	.8370	.2226	.1155
Feb.	1.4725	1.3028	1.5625	1.3767	1.3375	1.1986	1.3925	1.2600	.9350	.8378	.1961	.1074
Mar.	1.4725	1.3035	1.5638	1.3869	1.3375	1.1983	1.3875	1.2960	.9344	.8424	.1734	.1050
Apr.	1.4725	1.3426	*	1.4093	1.3375	1.2441	1.3916	1.3143	.9348	.8711	.1493	.1047
May	1.4731	1.3688		1.4261	1.3375	1.2575	1.3882	1.3100	.9362	.8916	.1315	.1025
June	1.4750	1.3895		1.4438	1.3373	1.2575	1.3880	1.3086	.9355	.8917	.1355	.1000
July		1.3931		1.4529		1.2634		1.3082		.8929		.1077
Aug.		1.4446		1.5349		1.2823		1.3255		.8917		.1321
Sept.		1.4507		1.5370		1.3127		1.3689		.8926		.1650
Oct.		1.4706		1.5462		1.3386		1.4118		.9189		.2074
Nov.		1.4760		1.5575		1.3425		1.4050		.9333		.2358
Dec.		1.4771		1.5634		1.3425		1.4007		.9363		.2394
Av.		1.3934		1.4668		1.2702		1.3304		.8864		.1435

Month	U.S. milk prices, 3.5% butterfat basis 5/											
	Prices paid for manufacturing grade milk, 3.5% butterfat content			Paid farmers for milk used in:			American cheese 6/			Evaporated milk 6/		
	Minnesota-Wisconsin manufacturing grade milk 3/	Butter powder "Snubber" 4/	Butter 6/	1981	1980	1981	1980	1981	1980	1981	1980	1980
	Dollars per 100 pounds											
Jan.	12.64	11.37	13.39	11.85	12.57	11.19	12.50	11.27	12.41	10.97		
Feb.	12.66	11.35	13.37	11.86	12.59	11.21	12.49	11.29	12.37	10.97		
Mar.	12.67	11.59	13.37	11.90	12.62	11.33	12.56	11.41	12.33	11.05		
Apr.	12.64	11.68	13.37	12.30	12.54	11.50	12.52	11.52	12.34	11.20		
May	12.61	11.66	13.38	12.58	12.51	11.56	12.50	11.58	12.15	11.31		
June	12.59	11.68	13.39	12.67	12.50	11.61	12.47	11.58	12.18	11.34		
July		11.73		12.69		11.61		11.62		11.39		
Aug.		11.86		12.90		11.75		11.48		11.48		
Sept.		12.07		12.93		11.97		11.99		11.58		
Oct.		12.42		13.23		12.25		12.24		11.71		
Nov.		12.52		13.37		12.43		12.36		11.88		
Dec.		12.61		13.40		12.45		12.47		11.97		
Av.		11.88		12.64		11.72		11.74		11.39		

\* Discontinued as of April 20, 1981.

1/ "Dairy Market News," AMS. 2/ 26th of preceding month through 25th of current month, as reported by Statistical Reporting Service.

3/ Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by SRS. 3.5 percent price converted by using Chicago Grade A butter price times 0.120. 4/ (Chicago Grade A butter times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents. 5/ Converted by using Chicago Grade A butter times 0.120. 6/ "Dairy Products," SRS.

TABLE 18--UNITED STATES MILK PRICES AND SELECTED DAIRY FARMER PRICE MEASURES, JANUARY 1981 TO DATE, WITH COMPARISONS

Month	U.S. milk prices										U.S. milk prices, 3.5 percent butterfat basis 1/									
	All milk					Manufacturing grade milk 2/					All milk					Milk eligible for fluid market 2/				
	1981					1981					1981					1981				
	Price	Per-	Parity	Price	Av.	Price	Price	fat	Percent of		Price	Price	fat	Percent of		Price	Price	fat	Percent of	
	at	cent	price	at	fat	at	test	test	equiv. 5/		at	test	test	equiv. 5/		at	test	test	equiv. 5/	
3/	test	parity 4/	alent	test	test	test	test	test	test		test	test	test	test		test	test	test	test	
---Dollars per pound---																				
Jan.	19.70	14.10	69	17.53	13.00	3.79	73.0	13.62	12.38	13.82	12.59	12.49	11.23							
Feb.	19.80	14.00	69	17.62	12.90	3.74	72.5	13.59	12.38	13.79	12.58	12.48	11.29							
Mar.	19.90	13.80	69	17.71	12.90	3.68	72.7	13.48	12.44	13.38	12.54	12.58	11.43							
Apr.	20.10	13.60	69	17.89	12.70	3.63	71.4	13.39	12.44	13.61	12.56	12.47	11.51							
May	20.10	13.50	70	17.89	12.70	3.60	71.7	13.36	12.47	13.56	12.59	12.52	11.55							
Jun.	20.20	13.40	71	17.98	12.50	3.54	70.8	13.36	12.47	13.58	12.67	12.43	11.65							
Jul.																				
Aug.																				
Sept.																				
Oct.																				
Nov.																				
Dec.																				
An. Av.																				

Dairy farmer price measures: U.S. averages 2/									
Month	Milk cows		Dairy feed 7/		Cows		Milk-feed		Pounds
	6/	8/	16% Protein	8/	price ratio 9/	price ratio 9/	price ratio 9/	price ratio 9/	
	1981	1980	1981	1980	1981	1980	1981	1980	
	\$ per head		\$ per ton		\$ per cwt.		Pounds		
Jan.	1,230	1,150	203	166	43.10	49.60	1.39	1.54	
Feb.	1,230	1,180	201	163	45.00	52.00	1.40	1.57	
Mar.	1,210	1,200	196	164	43.60	49.50	1.42	1.55	
Apr.	1,210	1,210	197	164	44.10	45.70	1.39	1.55	
May	1,200	1,180	200	165	42.50	43.30	1.35	1.53	
June	1,200	1,180	197	167	42.80	44.10	1.36	1.50	
July		1,180		170		43.30		1.47	
Aug.		1,180		180		44.90		1.42	
Sept.		1,200		188		45.10		1.39	
Oct.		1,220		192		44.60		1.42	
Nov.		1,230		200		43.10		1.40	
Dec.		1,230		203		42.70		1.38	
An. Av.		1,190		177		45.70		1.48	

1/ Converted by using Chicago Grade A butter times 0.120. 2/ "Agricultural Prices," SRS.

3/ Parity prices shown are based on data for the current month. 4/ Seasonally adjusted.

5/ Price at test adjusted to a 3.67 percent fat test by using Chicago Grade A butter times 0.120 as a percentage of parity price equivalent. 6/ Animals sold for dairy herd replacement only. 7/ Mid-month price. 8/ Includes beef cows and cull dairy cows sold for slaughter, but not dairy cows for herd replacement. 9/ Pounds of 16% mixed dairy feed equal in value to one pound of milk sold to plants.

TABLE 19--UNITED STATES GENERAL PRICE MEASURES, JANUARY 1981 TO DATE, WITH COMPARISONS

Month	General price measures 1/									
	Prices paid by farmers 2/		Prices received by farmers				Parity ratio 3/			
			All farm products		Livestock & products		Dairy products			
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
	Indexes 1977=100									
Jan.	147	133	144	130	145	144	145	132	98	98
Feb.	148	134	144	131	144	146	144	132	97	98
Mar.	149	136	143	128	141	141	142	132	96	94
Apr.	150	136	143	123	143	133	140	131	95	90
May	150	136	142	125	141	133	139	130	95	92
June	151	137	142	127	146	136	138	129	94	93
July		139		135		144		130		97
Aug.		140		141		150		132		101
Sept.		141		142		150		136		101
Oct.		142		142		150		141		100
Nov.		144		144		149		144		101
Dec.		144		145		148		145		101
Av.		139		134		144		135		96

Month	General price measures									
	Price indexes									
	All commodities		Dairy products		All items		All food		Consumer 5/	
	1981	1980	1981	1980	1981	1980	1981	1980	1981	1980
	Indexes 1967=100									
Jan.	283.5	254.7	245.2	221.4	260.5	233.2	268.6	243.8	240.1	218.4
Feb.	286.9	259.8	245.5	221.2	263.2	236.4	270.8	244.9	242.1	219.5
Mar.	289.6	261.5	245.5	223.3	265.1	239.8	272.2	247.3	242.6	220.3
Apr.	292.8	262.3	245.8	227.8	266.8	242.5	272.9	249.1	243.5	222.4
May	293.7	263.7	245.0	228.9	269.0	244.9	272.5	250.4	243.8	226.2
June	294.5	265.2	245.6	229.9	271.3	247.6	273.6	252.0	243.8	227.2
July		269.8		230.5		247.8		254.8		228.6
Aug.		273.1		233.0		249.4		258.7		229.7
Sept.		274.6		234.1		251.7		261.1		230.6
Oct.		277.0		238.4		253.9		262.4		232.7
Nov.		278.4		240.6		256.2		264.5		235.4
Dec.		280.3		242.7		258.4		266.4		238.0
Av.		268.3		231.0		246.8		254.6		227.4

1/ "Agricultural Prices," SRS.

2/ For commodities and services, interest, taxes, and wage rates.

3/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

4/ "Producer Price Index," Bureau of Labor Statistics, (BLS), U.S. Department of Labor, as first reported.

5/ CPI-U. "Consumer Price Index," BLS.

TABLE 20--CONSUMER PRICE INDEX FOR ALL URBAN CONSUMERS: SELECTED PRODUCTS, UNITED STATES CITY AVERAGE, 1981 1/

Month	Fresh whole milk		Butter		Cheese		Ice cream and related products		Meat		Poultry	
	Index	Percent change	Index	Percent change	Index	Percent change	Index	Percent change	Index	Percent change	Index	Percent change
	2/	from 1980	2/	from 1980	3/	from 1980	3/	from 1980	2/	from 1980	2/	from 1980
	:	:	:	:	:	:	:	:	:	:	:	:
Jan.	218.2	7.9	242.7	11.9	138.2	11.9	143.6	15.8	259.7	6.4	202.4	7.8
Feb.	219.3	7.9	242.2	10.9	139.2	12.1	145.9	17.1	256.4	5.0	203.7	11.6
Mar.	219.9	7.8	243.0	11.3	139.8	11.9	145.3	16.1	254.4	3.5	201.6	11.6
Apr.	220.4	7.6	244.3	11.1	140.6	11.4	146.7	14.1	251.0	3.5	196.8	11.1
May	220.8	5.9	245.2	10.4	140.5	9.9	146.2	10.8	252.3	5.5	194.7	10.3
June	220.7	5.8	245.1	8.9	140.5	9.1	146.4	9.5	254.2	6.8	196.8	10.6
July	:	:	:	:	:	:	:	:	:	:	:	:
Aug.	:	:	:	:	:	:	:	:	:	:	:	:
Sept.	:	:	:	:	:	:	:	:	:	:	:	:
Oct.	:	:	:	:	:	:	:	:	:	:	:	:
Nov.	:	:	:	:	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:	:	:	:	:

1/ "CPI Detailed Report," BLS, U.S. Department of Labor. The Consumer Price Index for All Urban Consumers (CPI-U) covers approximately 80 percent of the total noninstitutional civilian population of the United States and is based on data for 85 urban areas.

2/ The standard reference base period for these indexes is 1967=100.

3/ The standard reference base period for these indexes is December 1977 =100.

TABLE 21--U.S. PRODUCTION, JANUARY 1981 TO DATE, WITH COMPARISONS

Month	Milk 1/		Butter 2/		Total cheese 2/		Nonfat dry milk 2/		Frozen desserts 2/	
	1981*	1980**	1981*	1980**	1981*	1980**	1981*	1980**	1981*	1980**
	:	:	:	:	:	:	:	:	:	:
	Bil. pounds		-----Mil. pounds-----				Mil. gallons			
Jan.	10.7	10.3	121.3	105.7	342.8	312.3	92.0	74.3	73.0	78.7
Feb.	10.1	10.0	110.1	99.9	316.5	303.1	95.3	78.4	80.5	82.5
Mar.	11.4	10.9	116.7	101.1	365.4	339.7	110.0	89.7	98.4	94.8
Apr.	11.5	11.0	116.9	112.3	371.2	336.6	122.9	115.1	100.6	98.8
May	12.1	11.7	116.2	116.6	386.9	360.5	135.3	135.8	104.0	105.3
June	11.6	11.3	96.6	93.9	385.9	359.9	132.6	132.5	121.0	116.3
July	:	11.0	:	83.7	:	332.7	:	122.1	:	126.4
Aug.	:	10.8	:	75.3	:	317.6	:	104.0	:	119.7
Sept.	:	10.4	:	77.0	:	317.0	:	77.3	:	104.0
Oct.	:	10.5	:	91.4	:	332.1	:	72.8	:	91.5
Nov.	:	10.1	:	84.7	:	317.2	:	69.1	:	72.3
Dec.	:	10.5	:	103.6	:	354.4	:	89.6	:	77.2
Year to date 3/	67.5	128.4	677.8	1,145.3	2,168.7	3,983.1	688.1	1,160.7	577.5	1,167.5

\* Preliminary.

\*\* Partially revised.

1/ "Milk Production," SRS.

2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbet.

3/ May not add due to rounding.

TABLE 22--AVERAGE RETAIL FOOD PRICES FOR SELECTED PRODUCTS, UNITED STATES CITY AVERAGE AND REGIONS, JANUARY 1981 TO DATE, WITH COMPARISONS <sup>1/</sup>

Region and month	Fresh milk <sup>2/</sup>			Butter <sup>3/</sup>	Ice cream <sup>4/</sup>	Yogurt <sup>5/</sup>
	Whole	Skim	Lowfat			
	Dollars					
NORTHEAST						
Jan.	1.062	.994	1.075	1.996	2.219	.490
Feb.	1.069	1.009	1.082	1.977	2.267	.508
Mar.	1.074	1.009	1.073	1.989	2.241	.492
Apr.	1.068	1.008	1.055	1.946	2.224	.500
May	1.070	1.018	1.047	1.945	2.260	.518
June	1.068	1.018	1.044	1.944	2.293	.514
NORTH CENTRAL						
Jan.	1.095	.958	1.055	1.954	1.760	NA
Feb.	1.092	.970	1.049	1.959	1.896	.534
Mar.	1.104	.977	1.078	1.999	1.885	.521
Apr.	1.106	.986	1.058	2.021	1.877	.526
May	1.109	.984	1.055	2.007	1.834	.528
June	1.113	.993	1.052	2.005	1.834	.522
SOUTH						
Jan.	1.243	1.182	1.192	2.061	1.972	NA
Feb.	1.239	1.120	1.196	2.027	2.052	NA
Mar.	1.250	1.123	1.179	2.084	1.982	NA
Apr.	1.240	1.123	1.175	2.066	2.056	NA
May	1.240	1.122	1.167	2.078	2.002	NA
June	1.243	1.123	1.165	2.079	1.973	NA
WEST						
Jan.	1.044	.858	1.004	1.943	1.880	NA
Feb.	1.044	.858	1.009	1.935	1.896	NA
Mar.	1.047	.857	1.012	1.933	1.912	NA
Apr.	1.069	.879	1.027	1.931	2.026	NA
May	1.070	.877	1.029	1.935	2.060	NA
June	1.076	.882	1.030	1.935	2.068	NA
U.S. Average						
Jan.	1.104	.954	1.070	1.992	1.938	.491
Feb.	1.106	.959	1.071	1.977	2.019	.508
Mar.	1.113	.962	1.076	2.003	1.992	.498
Apr.	1.116	.974	1.070	1.991	2.024	.492
May	1.118	.975	1.067	1.991	2.008	.499
June	1.119	.980	1.065	1.989	2.006	.489

NA-Not available.

<sup>1/</sup> "Consumer Prices: Energy and Food," BLS, U.S. Department of Labor. Regions are defined as the four census regions. According to BLS, average prices are best used to measure the price level in a particular month, not to measure price change over time. To measure change over time, the Consumer Price Index and its component indexes for individual items are more appropriate. The average food prices included in this table reflect variations in brand, quality, and size among geographic areas. BLS suggests that users of average food prices should be aware that these differences exist.

<sup>2/</sup> Prices are per 1/2 gallon.

<sup>3/</sup> Prices are per pound for grade AA, salted, stick butter.

<sup>4/</sup> Prices are per 1/2 gallon for prepackaged, bulk, regular.

<sup>5/</sup> Prices are per 1/2 pint for natural, fruit flavored.

TABLE 23--COMMERCIAL AND GOVERNMENT STORAGE HOLDINGS, JANUARY 1981 TO DATE WITH COMPARISONS

Month	Storage Holdings 1/											
	Butter 2/				Total cheese 2/				Nonfat dry milk			
	Total				Total				Total			
	Commer- cial 1981	Gov't 1981	1981	1980	Commer- cial 1981	Gov't 1981	1981	1980	Commer- cial 1981	Gov't 1981	1981	1980
	1981	3/			1981	3/			1981 4/	5/	3/	
	Mil. pounds											
Jan.	41.5	290.6	332.1	191.0	538.8	62.9	601.7	515.8	80.6	498.4	579.0	454.4
Feb.	52.9	319.4	372.3	205.6	531.1	65.2	596.3	508.9	92.8	506.6	599.4	448.6
Mar.	53.0	354.4	407.4	217.2	514.9	76.2	591.1	495.1	96.9	536.1	633.0	444.8
Apr.	52.2	398.2	450.4	238.1	521.4	110.5	631.9	510.5	102.0	543.3	645.3	483.3
May	49.3	424.3	437.6	281.7	519.2	130.6	649.8	544.4	116.5	576.6	693.1	507.7
June	42.3	464.4	506.7	295.9	527.5	158.8	686.2	582.7	115.3	501.5	616.8	548.4
July			308.0					620.0				540.7
Aug.			306.4					613.8				582.4
Sept.			302.9					610.6				598.9
Oct.			301.5					590.9				575.5
Nov.			302.7					565.4				570.5
Dec.			304.6					578.8				586.6

1/ End of month.

2/ "Cold Storage Reports," SRS.

3/ May not add due to rounding.

4/ "Dairy Products," SRS.

5/ "Summary of Processed Commodities in Store," Agricultural Stabilization and Conservation Service.

TABLE 24--U.S.D.A. PURCHASES (DELIVERY BASIS), JANUARY 1981 TO DATE, WITH COMPARISONS

Month	Butter 1/		American cheese 1/		Nonfat dry milk 1/		Milk equivalent of net U.S.D.A. purchases 2/	
	1981	1980	1981	1980	1981	1980	1981	1980
	- - - - - 1,000 pounds - - - - -						Million pounds	
Jan.	51,629	26,716	27,750	17,968	55,444	34,857	1,385	732
Feb.	49,259	10,361	43,839	18,728	60,686	32,076	1,451	435
Mar.	42,518	3,955	59,878	14,733	73,516	26,189	1,450	307
Apr.	46,692	51,775	70,384	22,414	87,423	59,629	1,660	1,306
May	48,881	60,773	68,963	37,684	97,548	89,712	1,706	1,630
June	31,371	44,465	76,993	56,088	102,407	103,079	1,439	1,483
July		11,572		61,606		96,203		857
Aug.		0		41,256		48,518		395
Sept.		734		17,861		33,889		206
Oct.		16,516		7,217		38,309		432
Nov.		15,025		10,507		32,617		435
Dec.		17,810		17,796		39,263		581
Year to date	270,350	259,702	3/ 347,807	4/ 323,858	477,024	634,341	5/ 9,091	6/ 8,799

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; includes purchases under price support, Section 709, Section 32, and Section 4A programs.

3/ Includes 131,501 thousand pounds purchased in 500-pounds barrels, 148,715 thousand pounds purchased as process cheese, and includes 1,147 thousand pounds purchased as 60-pounds block cheese. Does not include 9,342 thousand pounds purchased as mozzarella cheese.

4/ Includes 77,728 thousand pounds purchased in 500-pounds barrels, and 156,341 thousand pounds purchased as process cheese. Does not include 28,361 thousand pounds purchased as mozzarella cheese. 5/ Includes 21 and 92 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively.

6/ Includes 38 and 280 million pounds (milk equivalent) of evaporated milk and mozzarella cheese, respectively.

# ADJUSTING IN-AREA FLUID MILK SALES FOR CALENDAR COMPOSITION\*

The trend in sales of fluid milk products is one of the more important statistics used to assess the current dairy situation. Tables 8 and 9 of this publication present sales of whole milk items, lowfat and skim milk items, and the total of these in marketing areas as geographically defined by each Federal milk order market. These sales figures reflect not only variation due to trend, but also variations due to seasonality, calendar composition, and randomness. The effect of seasonality is minimized by comparing monthly data for the current year with the same month of the previous year. Since the adjustment process described in this article removes most of the variation due to calendar composition, the adjusted sales data generated by this process can be used to measure trend.

Variation in sales data due to calendar composition results because the number of the types of days--Sundays, Mondays, etc.--that occur in a particular month vary from year to year. For example, in 1980, May had five Thursdays, Fridays, and Saturdays whereas in 1981, May had five Fridays, Saturdays, and Sundays. In comparing the two months, 1980 had an extra Thursday and 1981 had an extra Sunday. Since there is daily variation in fluid milk sales data, sales in May 1980 can be expected to be different than sales in May 1981, because sales on Thursdays are different than sales on Sundays.

Therefore, the key to accounting for monthly calendar variation in fluid milk sales lies in estimating day-to-day variation during the week. A procedure called the 31-30 Day Difference Method was used to develop a set of daily weights which eliminate most of the variation due to calendar composition . <sup>1/</sup> These weights are shown in Table A.

TABLE A--INDEX OF DAILY VARIATION IN WEEKLY IN-AREA SALES

Days	<u>Index</u>		
	<u>Whole Milk Items</u>	<u>Lowfat and Skim Milk Items</u>	<u>Total Fluid Milk Items</u>
Sunday	0.1206	0.0927	0.1214
Monday	1.2970	1.1343	1.2337
Tuesday	1.0496	1.2882	1.1207
Wednesday	.9721	.8513	.9439
Thursday	1.1355	1.1342	1.1326
Friday	1.3963	1.3217	1.3587
Saturday	1.0289	1.1776	1.0890

These indexes show how sales on a particular day of the week compare to an average sales day. For example, sales of whole milk items on a Sunday are 12.06 percent of an average sales day whereas sales on a Friday are 139.63 percent of an average sales day.

<sup>1/</sup> For a more detailed description of this procedure see FMOS-134, issued April 1971.

## MONTHLY ADJUSTMENT FACTORS

To derive factors for adjusting monthly data, the sum of the daily weights for each type of month <sup>2/</sup> was divided by the number of days in that month. For example, a 31-day month beginning on a Sunday has a total weight of 30.5152 for lowfat and skim milk items which, when divided by 31.0, yields an adjustment factor of 0.9844. The adjustment factors for the other types of months are shown in Table B.

TABLE B--FACTORS FOR ADJUSTING MONTHLY IN-AREA SALES FOR VARIATIONS DUE TO  
CALENDAR COMPOSITION

### Adjustment factors

First day of month	Whole milk items		Lowfat and skim milk items		Total fluid milk items	
	31-day	30-day	31-day	30-day	31-day	30-day
	months	months	months	months	months	months
Sunday	: 0.9828	0.9806	0.9844	0.9742	0.9831	0.9785
Monday	: 1.0103	1.0116	1.0088	1.0141	1.0096	1.0118
Tuesday	: 1.0051	1.0007	1.0088	1.0047	1.0064	1.0022
Wednesday	: 1.0163	1.0036	1.0099	.9995	1.0140	1.0025
Thursday	: 1.0181	1.0177	1.0204	1.0152	1.0187	1.0164
Friday	: .9853	1.0142	.9869	1.0166	.9861	1.0149
Saturday	: .9821	.9716	.9808	.9757	.9821	.9737

The adjustment factor for all 28-day Februarys is 1.0000. The above factors may be applied either to total monthly sales or daily average sales.

These adjustment factors reflect how sales in a particular type of month compare to sales in a month in which all the days are average sales days. For example, since the adjustment factor for a 31-day month beginning on a Sunday for total fluid milk items is 0.9831, sales of these items during such a month are lower than during an average-sales-day month. Therefore, sales during such a month need to be adjusted upward before comparisons to a previous year can be made on a comparable basis. Monthly in-area sales are adjusted to a comparable year-to-year basis by dividing the reported sales by the respective adjustment factor. Table C provides a convenient means of finding the factors applicable to any specific month from 1980-82. Table C is shown on the next page.

A word of caution: The daily weights and the monthly adjustment factors derived from them were based on in-area sales of whole milk items, lowfat and skim milk items, and the total of these in the combined marketing areas. They are intended to apply only to combined market sales data. They may not be the best weights and adjustment factors to apply to individual market data or to individual products.

<sup>2/</sup> The type of month can vary depending on which day the month begins and how many days are in the month.

An explanation of the 31-30 Day Difference Method and an evaluation of the weights obtained are contained in an informal Dairy Division report entitled "Adjusting In-Area Fluid Milk Sales Data for Calendar Composition." You can obtain a copy of this report by writing to the Chief, Market Information Branch, Dairy Division, Agricultural Marketing Service, U.S. Department of Agriculture, Washington, DC 20250.

TABLE C--FACTORS FOR ADJUSTING IN-AREA SALES OF WHOLE MILK, LOWFAT AND SKIM MILK ITEMS, AND THE TOTAL OF THESE FOR CALENDAR COMPOSITION, BY MONTHS, 1980 THROUGH 1982

<u>Month</u>	<u>Whole milk items</u>		
	<u>Adjustment factors</u>		
	<u>1980</u>	<u>1981</u>	<u>1982</u>
January	1.0051	1.0181	0.9853
February	1.0499	1.0000	1.0000
March	.9821	.9828	1.0103
April	1.0007	1.0036	1.0177
May	1.0181	.9853	.9821
June	.9806	1.0116	1.0007
July	1.0051	1.0163	1.0181
August	.9853	.9821	.9828
September	1.0116	1.0007	1.0036
October	1.0163	1.0181	.9853
November	.9716	.9806	1.0116
December	1.0103	1.0051	1.0163
Year	1.0028	1.0004	1.0011

<u>Month</u>	<u>Lowfat and skim milk items</u>		
	<u>Adjustment factors</u>		
	<u>1980</u>	<u>1981</u>	<u>1982</u>
January	1.0088	1.0204	0.9869
February	1.0472	1.0000	1.0000
March	.9808	.9844	1.0088
April	1.0047	.9995	1.0152
May	1.0204	.9869	.9808
June	.9742	1.0141	1.0047
July	1.0088	1.0099	1.0204
August	.9869	.9808	.9844
September	1.0141	1.0047	.9995
October	1.0099	1.0204	.9869
November	.9757	.9742	1.0141
December	1.0088	1.0088	1.0099
Year	1.0031	1.0004	1.0009

Total fluid milk items

Adjustment factors

<u>Month</u>	<u>1980</u>	<u>1981</u>	<u>1982</u>
January	1.0064	1.0187	0.9861
February	1.0485	1.0000	1.0000
March	.9821	.9831	1.0096
April	1.0022	1.0025	1.0164
May	1.0187	.9861	.9821
June	.9785	1.0118	1.0022
July	1.0064	1.0140	1.0187
August	.9861	.9821	.9831
September	1.0118	1.0022	1.0025
October	1.0140	1.0187	.9861
November	.9737	.9785	1.0118
December	1.0096	1.0064	1.0140
Year	1.0029	1.0004	1.0010

COMPARING SALES IN DIFFERENT MONTHS

A further application of calendar composition adjustment factors is in comparing in-area sales in different months of the same or different years. To accomplish this, it is necessary to employ seasonal indexes as well as calendar composition adjustment factors. Such indexes based on seasonal patterns of the last 10 years are given in Table D. These seasonal indexes are shown two ways: (1) based on daily average sales, which presents a truer depiction of seasonal variations, and (2) based on total sales, which takes into account the number of days in the month.

TABLE D--SEASONAL INDEXES OF IN-AREA SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, AND THE TOTAL OF THESE, BASED ON DATA FOR 1971 THROUGH 1980

Month	Whole milk		Lowfat and skim		Total fluid	
	items		milk items		milk items	
	Daily avg.	Total	Daily avg.	Total	Daily avg.	Total
	sales	sales	sales	sales	sales	sales
January	1.0407	1.0609	1.0402	1.0605	1.0411	1.0614
February	1.0354	.9534	1.0449	.9623	1.0392	.9570
March	1.0274	1.0474	1.0411	1.0615	1.0325	1.0526
April	1.0001	.9868	1.0160	1.0025	1.0058	.9924
May	.9883	1.0075	.9914	1.0108	.9898	1.0091
June	.9275	.9151	.9338	.9213	.9278	.9154
July	.9124	.9302	.9134	.9313	.9108	.9285
August	.9522	.9708	.9458	.9642	.9484	.9669
September	1.0314	1.0175	1.0174	1.0038	1.0276	1.0139
October	1.0379	1.0581	1.0275	1.0476	1.0353	1.0555
November	1.0401	1.0261	1.0319	1.0181	1.0382	1.0243
December	1.0066	1.0262	.9966	1.0161	1.0035	1.0230

In order to compare sales in two different months of the same or different years, it is necessary to divide the sales figures by the respective seasonal factors and then by the appropriate calendar composition factors. The two adjusted sales figures can then be compared directly and any difference would reflect only the effects of trend and random variation.

For example, how do January 1981 in-area sales of total fluid milk items compare with sales of these items in May 1981? The procedure is as follows:

(1) For January 1981:

- a. divide in-area sales by the January seasonal factor  
 $3,079 \text{ divided by } 1.0614 = 2,901 \text{ million pounds}$
- b. divide by the January 1981 calendar composition factor  
 $2,901 \text{ divided by } 1.0187 = 2,848 \text{ million pounds}$

(2) For May 1981:

- a. divide in-area sales by the May seasonal factor  
 $2,854 \text{ divided by } 1.0091 = 2,828 \text{ million pounds}$
- b. divide by the May 1981 calendar composition factor  
 $2,828 \text{ divided by } 0.9861 = 2,868 \text{ million pounds}$

Comparing the adjusted sales figures for January 1981, 2,848 million pounds, to the adjusted figure for May 1981, 2,868 million pounds, indicated a slight increase in sales between the two months.

A word of caution: The seasonal indexes, like the monthly adjustment factors, are based on in-area sales for combined markets and may not be the best index to apply to individual market data or to individual products within the groups. Also the procedure for comparing sales is only applicable to sales for the same group of markets.

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\* Prepared by John P. Rourke, agricultural marketing specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service, FMOS 258, June 1981 Summary.

#### MAJOR ORDER ACTIONS, JUNE 1981

There were no final actions entirely effective during this period. A new Federal order (Southwestern Idaho-Eastern Oregon) was established and was partially effective June 1. The provisions that were effective in June included such areas as definitions, pooling requirements, handler reports, and classification of milk. The rest of the order, which includes the pricing and payment provisions, becomes effective July 1. The major provisions of the entire order will be summarized in the "Major Order Actions" for July.

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